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| Application#   |   |  |  |  |  |
|--|---|--|--|--|--|
|  |   |  | Date Filed   |  | Inventor Name  |
|  | Not Issued  |  |  | Infrared Chromophores  | Hall, Lachlan Everett Hall, Lachlan Everett  |
|  | 7038066<br>Not Issued   |  |  | Dibenzoflourenone Based Chromophores Interface Surface Printer Using Invisible Ink   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Bridged Diarylpolymethine Chromophores   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Dibenzoanthraquinone Based Chromophores  | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Stabilized Dithiolene Inkjet Inks  | Hall, Lachlan Everett  |
| 10815625   | Not Issued  | 71   | 04/02/2004   | Water-Based Dithiolene Infrared Inkjet Inks  | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Cyanine Dye Having Reduced Visible Absorption  | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Improved Water Solubility   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Infrared Dyes  | Hall, Lachlan Everett Hall, Lachlan Everett  |
|  | Not Issued<br>Not Issued  |  | 08/09/2004   | Synthesis Of Metal Cyanines Hydrophilizable And Hydrophilic Cyanine Dyes   | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Cyanine Dye Having Multifunctional Penpreral Groups  | Hall, Lachlan Everett  |
|  | Not Issued  |  | 08/09/2004   | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes  | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine   |  |
|  |   |  |  | Dyes   |  |
| 10913381   | Not Issued  | 95   | 08/09/2004   | Synthetically Expedient Water-Dispersible Ir Dyes  | Hall, Lachlan Everett  |
|  | Not Issued  |  | 11/12/2004   | Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness  | Hall, Lachlan Everett  |
|  | Not Issued  |  |  | Stabilized Dithiolene Inkjet Inks  | Papadakis, Alexandra Artemis   |
|  | Not Issued  |  |  | Water-Based Dithiolene Infrared Inkjet Inks  | Papadakis, Alexandra Artemis   |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   | Papadakis, Alexandra Artemis   |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Infrared Dyes  | Papadakis, Alexandra Artemis<br>Ridley, Damon Donald   |
|  | Not Issued<br>Not Issued  |  |  | Stabilized Dithiolene Inkjet Inks Water-Based Dithiolene Infrared Inkjet Inks  | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Cyanine Dye Having Reduced Visible Absorption  | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Improved Water Solubility   | Ridley, Damon Donald   |
|  | Not Issued  |  | 08/09/2004   |  | Ridley, Damon Donald   |
| 10913376   | Not Issued  | 30   | 08/09/2004   | Synthesis Of Metal Cyanines  | Ridley, Damon Donald   |
| 10913377   | Not Issued  | 90   | 08/09/2004   |  | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Cyanine Dye Having Multifunctional Peripreral Groups   | Ridley, Damon Donald   |
|  | Not Issued  |  | 08/09/2004   | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes  | Ridley, Damon Donald   |
| 10913380   | Not Issued  | 30   | 08/09/2004   | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyaning   | erciciey, Damon Donaid   |
| 40042204   | Not Issued  | 06   | 08/09/2004   | Dyes  Conthatically Evending Mater Disposible Is Duos  | Ridley, Damon Donald   |
|  | Not Issued  |  | 11/12/2004   | Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness  | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes   | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Red-Shifted Water Dispersible Napthalocyanine Dyes   | Ridley, Damon Donald   |
|  | Not Issued  |  |  | Red-Shifted Water Dispersible Ir Dyes  | Ridley, Damon Donald   |
|  | 6417009   |  |  | Improved Reservoir Components  | Ridley, Damon Donald   |
|  | 6221397   |  |  | Surface Cross-Linked Particles Suitable For Controlled Delivery  | Starling, Scott M.   |
|  | Not Issued  |  |  | Stabilized Dithiolene Inkjet Inks  | Starling, Scott Matthew  |
| 10815625   | Not Issued  | 71   |  | Water-Based Dithiolene Infrared Inkjet Inks  | Starling, Scott Matthew  |
|  | Not Issued  |  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   | Starling, Scott Matthew  |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   | Starling, Scott Matthew  |
|  | Not Issued  |  |  | Cyanine Dye Having Reduced Visible Absorption  | Starling, Scott Matthew<br>Starling, Scott Matthew   |
|  | Not Issued  |  |  | Metal-Cyanine Dye Having Improved Water Solubility   | Starling, Scott Matthew  |
| 10913375   | Not Issued  | 30   |  | Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Synthesis Of Metal Cyanines  | Otorning, Goott Materioti  |
|  |   |  |  |  | Starling Scott Matthew   |
|  | Not Issued  |  | 08/09/2004   |  | Starling, Scott Matthew<br>Starling, Scott Matthew   |
| 10913377   | Not Issued  | 90   | 08/09/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes   | Starling, Scott Matthew Starling, Scott Matthew Starling, Scott Matthew  |
| 10913377<br>10913378   | Not Issued<br>Not Issued  | 90<br>80   | 08/09/2004<br>08/09/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups  | Starling, Scott Matthew<br>Starling, Scott Matthew   |
| 10913377<br>10913378<br>10913379   | Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30   | 08/09/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes   | Starling, Scott Matthew<br>Starling, Scott Matthew<br>Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30   | 08/09/2004<br>08/09/2004<br>08/09/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes   | Starling, Scott Matthew<br>Starling, Scott Matthew<br>Starling, Scott Matthew<br>eStarling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30<br>95   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Periperal Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes  | Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30<br>95<br>71   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness   | Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172814   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30<br>95<br>71   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes  | Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172814<br>11172815   | Not Issued   | 90<br>80<br>30<br>30<br>95<br>71<br>30   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Mutiturictional Periperar Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Nepthalocyanine Dyes  | Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172814<br>11172815<br>11172816   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005<br>07/05/2005   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin- Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible In Dyes Red-Shifted Water Dispersible Ir Dyes   | Starling, Scott Matthew  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172816<br>11172816<br>07842413   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>S310946   | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005<br>07/05/2005<br>03/26/1992   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Napthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lectone, Lactol And Ether Compounds   | Starling, Scott Matthew Vorwiller, Simone C.   |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172814<br>11172815<br>11172815<br>07842413<br>08186049   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>S310946<br>5420299  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150  | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005<br>07/05/2005<br>03/26/1992<br>01/24/1994   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Periperar Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Napthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds  | Starling, Scott Matthew Vorwiller, Simone C. Vorwiller, Simone C.  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172816<br>11172816<br>07842413<br>08186049<br>10552881   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>S310946   | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>07/05/2005<br>07/05/2005<br>03/26/1992<br>01/24/1994   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Napthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lectone, Lactol And Ether Compounds   | Starling, Scott Matthew Vorwiller, Simone C. Vorwiller, Simone C. Vorwiller, Simone Charlotte Vonwiller, Simone Charlotte  |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913381<br>10986402<br>11172816<br>11172816<br>07842413<br>08186049<br>10552881<br>10815625   | Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>Not Issued<br>5310946<br>5420299<br>Not Issued<br>Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>07/05/2005<br>07/05/2005<br>07/05/2005<br>07/05/2005<br>01/24/1994<br>01/01/0001<br>04/02/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Periperar Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cross-Linked Polysaccharide Composition Stabilized Ditholene Inkjet Inks  | Starling, Scott Matthew Vornwiller, Simone C. Vornwiller, Simone Charlotte   |
| 10913377<br>10913378<br>10913379<br>10913380<br>10913391<br>10986402<br>11172816<br>11172816<br>07842413<br>07842413<br>10815624<br>10815624<br>10815625<br>10815625   | Not Issued S310946 5420299 Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71   | 08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>08/09/2004<br>11/12/2004<br>07/05/2005<br>07/05/2005<br>03/26/1992<br>01/24/1994<br>01/01/0001<br>04/02/2004<br>04/02/2004   | Hydrophilizable And Hydrophilic Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin- Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cross-Linked Polysaccharide Composition Stabilized Dithiolene Inkjet Inks Water-Based Dithiolene Infrared Inkjet Inks Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes  | Starling, Scott Matthew Vornwiller, Simone C. Vornwiller, Simone C. Vornwiller, Simone Charlotte Vornwiller, Simone Charlotte Vornwiller, Simone Charlotte Vornwiller, Simone Charlotte  |
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| 10913377 10913378 10913380 10913381 10986402 11172814 11172815 11172815 10913373 10913373 10913373 10913373 10913374 10913376 10913376 10913376 10913376 10913377 10913376 10913377 10913376 10913377 10913376 10913377 10913378 10913379  | Not Issued   | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71<br>20<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30   | 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 07/05/2005 07/05/2005 03/26/1992 01/01/0001 04/02/2004 04/02/2004 08/09/2004 | Evanine Dye Having Multifunctional Peripreral Groups   | Starling, Scott Matthew Vonwiller, Simone C. Vonwiller, Simone Charlotte Siwerbrook, Kia Silverbrook, Kia Silverbrook, Kia Silverbrook, Kia Silverbrook, Kia   |
| 10913377 10913378 10913381 10913381 109986402 11172814 11172815 11172815 11172816 10815628 10815628 10815628 10913373 10913374 10913375 10913376 10913376 10913376 10913376 10913377 10913378 10913378 10913488 10913579 10913579 1091378  | Not Issued | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71<br>20<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>3  | 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 07/05/2005 07/05/2005 03/26/1992 01/24/1994 01/01/0001 04/02/2004 08/09/2004  | Hydrophilizable And Hydrophilic Cyanine Dyes   Cyanine Dye Having Multifunctional Peripreral Groups   Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes   Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin   Dyes   Synthetically Expedient Water-Dispersible Ir Dyes   | Starling, Scott Matthew Oonwiller, Simone C. Vonwiller, Simone Charlotte Siverbrook, Kia Siverbrook, Kia Siverbrook, Kia Siverbrook, Kia Siverbrook, Kia Siverbrook, Kia   |
| 10913377 10913380 10913381 10913381 10986402 11172814 11172815 11172816 10913373 10913373 10913373 10913373 10913373 10913373 10913373 10913373 10913373 10913374 10913376 10913476 1091377 1091377 1091378 1091379 10 | Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71<br>20<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30   | 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 11/12/2004 07/05/2005 07/05/2005 07/05/2005 01/24/1994 01/01/0001 08/09/2004   | Involve Distribution Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Napthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cyclic Peroxyacetal Lactone, Lactol And Ether  | Starling, Scott Matthew Onnwiller, Simone C. Vorwiller, Simone Charlotte Vonwiller, Simone Charlotte Silverbrook, Kia  |
| 10913377 10913378 10913380 10913381 10988402 11172814 11172815 11172815 10913372 10913373 10913373 10913373 10913373 10913373 10913373 10913373 10913374 1172815 1172815 1172816 1172816 1172815 1172816 1172816 1172816 1172816 1172816 1172816 117715438 1172816 117715438   | Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>41<br>71<br>20<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30   | 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2005 07/05/2005 03/26/1992 01/01/0001 04/02/2004 04/02/2004 08/09/2004            | Injuriophilizable And Hydrophilic Cyanine Dyes   Cyanine Dye Having Multifunctional Peripreral Groups   Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes   Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin   Dyes   | Starling, Scott Matthew Vonwiller, Simone C. Vonwiller, Simone Charlotte Siverbrook, Kia Silverbrook, Kia |
| 10913377 10913378 10913381 10993381 10993381 109984402 11172814 11172814 11172815 110552881 10815628 10815628 10815628 10913373 10913374 10913375 10913376 10913376 10913379 1172814 1172814 11172814 11172814 11172814 11172814 11172814 11172814 11172814 11172814 11172814 11172814 117728536 07714217 07715448 07719919 077756288 077725628 07725628   | Not Issued  | 90<br>80<br>30<br>30<br>95<br>71<br>30<br>30<br>30<br>150<br>150<br>19<br>41<br>71<br>20<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>3  | 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 08/09/2004 11/12/2004 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 07/05/2005 08/09/2004 08/09/2005 09/12/1991 09/13/1991 09/13/1991 07/03/1991 07/03/1991 07/03/1991 07/03/1991 | Involve Distribution Cyanine Dyes Cyanine Dye Having Multifunctional Peripreral Groups Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin Dyes Synthetically Expedient Water-Dispersible Ir Dyes Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Nitrogen-Substituted Water-Dispersible Phthalocyanine Dyes Red-Shifted Water Dispersible Napthalocyanine Dyes Red-Shifted Water Dispersible Ir Dyes Cyclic Peroxyacetal Lactone, Lactol And Ether Compounds Cyclic Peroxyacetal Lactone, Lactol And Ether  | Starling, Scott Matthew Onnwiller, Simone C. Vorwiller, Simone Charlotte Vonwiller, Simone Charlotte Silverbrook, Kia  |

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|---|------------|---|--------------------------------------|
| Application# Patent# Status                     |            |   | Inventor Name<br>Silverbrook, Kia    |
| 07744703 5329616 150<br>07827981 Not Issued 166 |            | Compressed Image Stores For High Resolution Computer Graphics  Bubblejet Image Reproducing Apparatus  | Silverbrook, Kia                     |
|   |            | Nozzle Structures For Bubblejet Print Devices   | Silverbrook, Kia                     |
| 07827986 Not Issued 166                         |            | Integrally Formed Bubblejet Print Device  | Silverbrook, Kia                     |
| 07889194 Not Issued 166                         | 05/28/1992 | Compression Enhancement In Graphics Systems   | Silverbrook, Kia                     |
| 08031918 Not Issued 166                         |            | Bubblejet Image Reproducing Apparatus   | Silverbrook, Kia                     |
| 08031919 Not Issued 166                         | 03/16/1993 |   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08053194 5430496 150                            | 04/28/1993 | A Portable Video Animation Device For Creating A Real-Time Animated Video By Combining A Real-Time Video Signal With Animation Image Data                                 | Silverbrook, Kla                     |
| 08053212 5420966 150                            | 04/28/1993 | Method And Apparatus For Filling An Object Based Rasterized Image   | Silverbrook, Kia                     |
| 08053214 5428724 150                            | 04/28/1993 | Method And Apparatus For Providing Transparency In An Object Based Rasterized Image   | Silverbrook, Kia                     |
| 08053216 5606652 150                            | 04/28/1993 | Real-Time Processing System For Animaation Images To Be Displayed On High Definition Television Systems   | Silverbrook, Kia                     |
| 08053218 5627952 150                            |            | Information Displaying System Which Displays Combined Video And Graphics Images   | Silverbrook, Kia                     |
| 08053219 6124863 150                            |            | Object-Based Graphics System For Displaying An Image Using Explicit Quadratic Polynomial Fragments Colour Generation And Mixing Device                                    | Silverbrook, Kia<br>Silverbrook, Kia |
| 08053231 Not Issued 166<br>08053362 5861961 150 |            | Integrated Graphics System For A Color Copier   | Silverbrook, Kia                     |
| 08053363 5566290 150                            |            | Multi-Media Device  | Silverbrook, Kia                     |
| 08053364 6134021 150                            |            | Presentation Graphics System For A Color Laser Copier   | Silverbrook, Kia                     |
| 08053373 5444839 150                            |            | Object Based Graphics System For Rasterizing Images In Real-Time  | Silverbrook, Kia                     |
| 08053378 5483827 150                            |            | A Preprocessing Pipeline For Real-Time Object Based Graphics Systems  | Silverbrook, Kia                     |
| 08053410 Not Issued 166                         |            | Video Camera/Recorder/Animator Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08053569 5590252 150<br>08115128 5815173 150    |            | Video Processor System And Audio Processor System Nozzle Structures For Bubblejet Print Devices   | Silverbrook, Kia                     |
|   |            | Colour Gamut Clipping   | Silverbrook, Kia                     |
|   |            | Colour Display System   | Silverbrook, Kia                     |
| 08204070 Not Issued 166                         | 03/02/1994 | Near White Colour Correction  | Silverbrook, Kia                     |
| 08233727 5428464 150                            | 04/26/1994 | High Volume Color Image Printer System  | Silverbrook, Kia                     |
| 08306537 5841452 150                            |            | Method Of Fabricating Bubblejet Print Devices Using Semiconductor Fabrication Techniques  | Silverbrook, Kia<br>Silverbrook, Kia |
| 08352436 5479205 150<br>08353999 6019457 150    | 12/08/1994 | Video Camera/Recorder/Animator Device Ink Jet Print Device And Print Head Or Print Apparatus Using The Same   | Silverbrook, Kia                     |
|   |            | Color Generation And Mixing Device  | Silverbrook, Kia                     |
| 08402493 Not Issued 168                         | 03/13/1995 | Intermingling Subpixels In Discrete Level Displays  | Silverbrook, Kia                     |
| 08402496 5793345 150                            | 03/13/1995 | Dynamic Refinement Of Pixels For A Display  | Silverbrook, Kia                     |
|   |            | Computer Display System Controller  | Silverbrook, Kia<br>Silverbrook, Kia |
| 08402505 6008868 250<br>08402507 5751272 250    |            | Luminance Weighted Discrete Level Display Display Pixel Balancing For A Multi Colour Discrete Level Display   | Silverbrook, Kia                     |
| 08402507 5751272 250<br>08451909 5845010 150    |            | Compression Enhancement In Graphics System  | Silverbrook, Kia                     |
| 08469679 5677644 150                            |            | Ramp Generating Structure For Producing Color Graphics  | Silverbrook, Kia                     |
| 08570742 5764862 150                            |            | Near White Color Correction   | Silverbrook, Kia                     |
| 08576044 Not Issued 166                         | 12/21/1995 | Colour Gamut Clipping   | Silverbrook, Kia                     |
| 08583531 5844532 150                            |            | Colour Display System   | Silverbrook, Kia                     |
| 08586821 5832185 250                            | 04/26/1996 | Alteration Of Dither Matrix Size For Full Colour Dithering  | Silverbrook, Kia                     |
| 08586828 5987219 150                            | 05/28/1996 | Method Of Producing A Dither Matrix By Dividing An Array Into A Plurality Of Regions And Altening The Borders Of Each Region To Have Continuous Irregular Boundaries      | Silverbrook, Kia                     |
| 08621754 Not Issued 161                         | 03/22/1996 | Ink Composition With Poe/Pop Block Copolymers   | Silverbrook, Kia                     |
| 08682603 Not Issued 168                         | 12/04/1996 | Color Plotter Using Concurrent Drop Selection And Drop Separation Ink Jet Printing Technology   | Silverbrook, Kia                     |
| 08701021 Not Issued 168                         | 08/21/1996 | Cmos Process Compatible Fabrication Of Print Heads  | Silverbrook, Kia                     |
| 08733711 5871656 150                            |            | Construction And Manufacturing Process For Drop On Demand Print Heads With Nozzle Heaters   | Silverbrook, Kia                     |
| 08734822 Not Issued 168<br>08736537 6126846 150 | 10/22/1996 | Modular Print Head Assembly Print Head Constructions For Reduced Electrostatic Interaction Between Printed Droplets   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08750312 6002847 150                            |            | High Capacity Compressed Document Image Storage For Digital Color Printers  | Silverbrook, Kia                     |
| 08750320 Not Issued 168                         |            |   | Silverbrook, Kia                     |
| 08750429 Not Issued 161                         | 12/03/1996 | Integrated Drive Circuitry In Drop On Demand Print Heads  | Silverbrook, Kia                     |
| 08750430 5808639 150                            | 12/04/1996 | Nozzle Clearing Procedure For Liquid Ink Printing   | Silverbrook, Kia                     |
| 08750431 5815179 150                            | 12/04/1996 | Block Fault Tolerance In Integrated Printing Heads  | Silverbrook, Kia<br>Silverbrook, Kia |
| 08750433 5781205 150<br>08750435 5850241 150    | 12/03/1996 | Heater Power Compensation For Temperature In Thermal Printing Systems  Monolithic Print Head Structure And A Manufacturing Process Therefor Using Anisotropic Wet Etching | Silverbrook, Kia                     |
| 08750436 5812162 150                            |            | Power Supply Connection For Monolithic Print Heads  | Silverbrook, Kia                     |
| 08750437 5784077 150                            | 12/03/1996 | Digital Printing Using Plural Cooperative Modular Printing Devices  | Silverbrook, Kia                     |
| 08750438 5880759 150                            |            | Liquid Ink Printing Apparatus And System  | Silverbrook, Kia                     |
| 08750439 5801739 150                            |            | High Speed Digital Fabric Printer   | Silverbrook, Kia                     |
| 08750599 5856836 150                            | 12/03/1996 | Coincident Drop Selection, Drop Separation Printing Method And System   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08750600 5920331 150<br>08750602 5805178 150    |            | Method And Apparatus For Accurate Control Of Temperature Pulses In Printing Heads Ink Jet Halftoning With Different Ink Concentrations                                    | Silverbrook, Kia                     |
| 08750602 5805178 150<br>08750603 Not Issued 168 | 12/04/1996 | Notebook Computer With Integrated Concurrent Drop Selection And Drop Separation Color Printing System   | Silverbrook, Kia                     |
| 08750604 6012799 150                            |            | Multicolor Drop On Demand, Liquid Ink Printer With Monolithic Print Head  | Silverbrook, Kia                     |
| 08750605 6045710 150                            | 12/04/1996 | A Self-Aligned Construction And Manufacturing Process For Monolithic Print Heads  | Silverbrook, Kia                     |
| 08750606 5859652 150                            |            | Color Video Printer And A Photo Cd System With Integrated Printer   | Silverbrook, Kia                     |
| 08750607 Not Issued 168<br>08750608 5914737 150 | 12/04/1998 | Four Level Ink Set For Bi-Level Color Printing  A Color Printer Having Concurrent Drop Selection And Drop Separation, The Printer Being Adapted For Connection To A       | Silverbrook, Kia<br>Silverbrook, Kia |
| 08750608 5914737 150                            | 12/04/1990 | Computer  |                                      |
| 08750640 5864351 150                            | 12/03/1996 | Heater Power Compensation For Thermal Lag In Thermal Printing Systems   | Silverbrook, Kia                     |
| 08750642 5870124 150                            | 12/03/1996 | Pressurizable Liquid Ink Cartridge For Coincident Forces Printers   | Silverbrook, Kia                     |
| 08750643 5984446 150                            |            | Color Office Printer With A High Capacity Digital Page Image Store  | Silverbrook, Kia                     |
| 08750646 5781202 150                            |            | Fax Machine With Concurrent Drop Selection And Drop Separation Ink Jet Printing   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08750647 Not Issued 168<br>08750650 5838339 150 |            | Monolithic Printing Heads And Manufacturing Processes Therefor  Data Distribution In Monolithic Print Heads   | Silverbrook, Kia                     |
| 08750763 Not Issued 168                         |            | Color Photocopier Using A Drop On Demand Ink Jet Printing System  | Silverbrook, Kia                     |
| 08750772 Not Issued 168                         | 12/09/1996 | Detection Of Faulty Actuators In Printing Heads   | Silverbrook, Kia                     |
| 08753718 5796416 150                            | 11/27/1996 | Nozzle Placement In Monolithic Drop-On-Demand Print Heads   | Silverbrook, Kia                     |
| 08759774 6030072 150                            | 12/03/1996 | Fault Tolerance In High Volume Printing Presses   | Silverbrook, Kia<br>Silverbrook, Kia |
| 08765017 5905517 150                            |            | Heater Structure And Fabrication Process For Monolithic Print Heads  Heater Power Compensation For Printing Load In Thermal Printing Systems                              | Silverbrook, Kia                     |
| 08765035 5841449 150<br>08765036 5892524 150    |            | Apparatus For Printing Multiple Drop Sizes And Fabrication Thereof  | Silverbrook, Kia                     |
| 08765037 5796418 150                            |            | Page Image And Fault Tolerance Control Apparatus For Printing Systems   | Silverbrook, Kia                     |
| 08765038 5825385 150                            | 12/10/1996 | Constructions And Manufacturing Processes For Thermally Activated Print Heads   | Silverbrook, Kia                     |
| 08765127 5815178 150                            | 12/05/1996 | Printing Method And Apparatus Employing Electrostatic Drop Separation   | Silverbrook, Kia                     |
| 08765130 5808631 150                            | 12/04/1996 | Integrated Fault Tolerance In Printing Mechanisms   | Silverbrook, Kia                     |
| 08765756 5909227 150                            |            | Photograph Processing And Copying Systems Using Coincident Force Drop-On-Demand Ink Jet Printing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 08879894 5805136 150<br>08918510 6384836 250    |            | Intermingling Subpixets In Discrete Level Displays Colour Gamut Clipping  | Silverbrook, Kia                     |
| 09104546 6217155 150                            | 06/25/1998 | Construction And Manufacturing Process For Drop On Demand Print Heads With Nozzle Heaters   | Silverbrook, Kia                     |
| 09112737 6331946 150                            | 07/10/1998 | Method For Protecting On-Chip Memory (Flash And Ram) Against Attacks  | Silverbrook, Kia                     |
|   |            |   |                                      |
| 09112738 Not Issued 161<br>09112739 6195150 150 |            | Pseudo-3D Stereoscopic Print Medium Pseudo-3D Stereoscopic Images & Output Device   | Silverbrook, Kia<br>Silverbrook, Kia |

| Application# Patent# S                       | tatus Data Filad | Title   | Inventor Name                        |
|--|------------------|---|--------------------------------------|
| 09112740 6196541 1                           |                  | De-Curling Print Media In A Digital Instant Printing Camera   | Silverbrook, Kia                     |
| 09112741 Not Issued 1                        | 61 07/10/1998    | Method Of Printing On The Back Of Output Photo Image In A Digital Instant Camera  | Silverbrook, Kia                     |
| 09112742 Not Issued 10<br>09112743 6727951 1 |                  | Utilising Flash Information For Image Processing In A Digital Camera Utilising Exposure Information For Image Processing In A Digital Image Camera                                    | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112744 6472052 1                           |                  | Anisotropic Rigidity To Reduce Curl In Rolled Media   | Silverbrook, Kia                     |
| 09112745 6152619 1                           | 50 07/10/1998    | Portable Camera With An Ink Jet Printer And Cutting Blade   | Silverbrook, Kia                     |
| 09112746 6690419 1<br>09112747 6597817 1     |                  | Utilising Eye Detection Methods For Image Processing In A Digital Image Camera Orientation Detection For Digital Cameras  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112749 6289262 1                           | 50 07/10/1998    | System For High Volume Printing Of Optical Storage Cards Using Ink Dots   | Silverbrook, Kia                     |
| 09112750 6727948 1                           |                  | Utilising Autofocus Information For Image Processing In A Digital Camera  | Silverbrook, Kia                     |
| 09112751 6227652 1<br>09112752 6646757 1     |                  | Radiant Plunger Ink Jet Printer  Garment Design And Fabric Printing System Utilizing Digitally Encoded Design Cards   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112753 6381361 1                           | 50 07/10/1998    | Production Of Artistic Effects In Images Utilizing Restricted Gamut Spaces  | Silverbrook, Kia                     |
| 09112754 6238040 1                           |                  | Thermally Actuated Slotted Chamber Wall Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112755 6234609 1<br>09112756 6227653 1     |                  | High Young'S Modulus Thermoelastic Ink Jet Printing Mechanism  Bend Actuator Direct Ink Supply Ink Jet Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112757 6624848 1                           | 50 07/10/1998    | Cascading Image Modification Using Multiple Digital Cameras Incorporating Image Processing  | Silverbrook, Kia                     |
| 09112758 6357135 1<br>09112759 Not Issued 10 |                  | Binocular Glasses With An Integral Printer Device Custom Garment Design And Fabric Printing System  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112760 6378970 1                           |                  | Power Drive System For A Prit On Demand Digital Camera System   | Silverbrook, Kia                     |
| 09112761 6246970 1                           | 50 07/10/1998    | Method For Making A Chip Tamper-Resistant   | Silverbrook, Kia                     |
| 09112762 Not Issued 10<br>09112763 6566858 1 |                  | Method For Implementing Non-Flashing Cmos  Circuit For Protecting Chips Against Idd Fluctuation Attacks   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112764 6338710 1                           |                  | Dual Nozzle Single Honzontal Actuator Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112765 6217153 1                           |                  | Single Bend Actuator Cupped Paddle Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112766 6312070 1<br>09112767 6416167 1     |                  | Recycling Of Multi - Use Digital Instant Printing Camera Systems  Thermally Actuated Ink Jet Printing Mechanism Having A Series Of Thermal Actuator Units                             | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112768 6243113 1                           | 50 07/10/1998    | Thermally Actuated Ink Jet Printing Mechanism Having A Senes Of Thermal Actuator Units  Thermally Actuated Ink Jet Printing Mechanism Including A Tapered Heater Element              | Silverbrook, Kia                     |
| 09112769 6264849 1                           | 50 07/10/1998    | Method Of Manufacture Of A Bend Actuator Direct Ink Supply Ink Jet Printer  | Silverbrook, Kia                     |
| 09112770 6254793 1<br>09112771 6416679 1     |                  | Method Of Manufacture Of A High Young'S Modulus Thermoelastic Inkjet Printer  Method Of Manufacture Of A Thermoelastic Bend Actuator Using Ptle And Corrugated Copper Ink Jet Printer | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112772 6264306 1                           | 50 07/10/1998    | Linear Spring Electromagnetic Grill Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112773 6196739 1                           | 50 07/10/1998    | Paper Guide System In A Print On Demand Digital Camera System   | Silverbrook, Kia                     |
| 09112774 Not Issued 10<br>09112775 6270182 1 |                  | Guillotine System In A Print On Demand Digital Camera System Inkjet Print Head Recapping Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112776 6227648 1                           | 50 07/10/1998    | Print Roll Having An Ink Return Tray  | Silverbrook, Kia                     |
| 09112777 6894694 1                           |                  | Producing Automatic "Painting" Effects In Images  | Silverbrook, Kia                     |
| 09112778 6416168 1<br>09112779 6220694 1     |                  | Pump Action Refill Ink Jet Printing Mechanism Pulsed Magnetic Field Ink Jet Printing Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112780 6239821 1                           | 50 07/10/1998    | Direct Firing Thermal Bend Actuator Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112781 6786420 1                           |                  | Data Distribution Mechanism In The Form Of Ink Dots On Cards  | Silverbrook, Kia                     |
| 09112782 Not Issued 16<br>09112783 6217165 1 |                  | Fault Tolerant Dot Detection In Optical Storage Systems Using Ink Dots Ink And Media Cartridge With Axial Ink Chambers  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112784 6315200 1                           | 50 07/10/1998    | Encoded Data Card Reading System  | Silverbrook, Kia                     |
| 09112785 6459495 1<br>09112786 6879341 1     |                  | Dot Center Tracking In Optical Stroage Systems Using Ink Dots   | Silverbrook, Kia                     |
| 09112786 6879341 1<br>09112787 6213588 1     |                  | Digital Camera System Containing A Viiw Vector Processor Electrostatic Ink Jet Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112788 Not Issued 16                       | 61 07/10/1998    | Magnetic Recordable Media For Photographic Prints   | Silverbrook, Kia                     |
| 09112789 6304291 15<br>09112790 6665008 15   |                  | Artcard For The Administration Of The Operation Of A Camera Device  Artcard For The Control Of The Operation Of A Camera Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112791 6106147 1                           |                  | Re-Writable Optical Card Reader/Writer Unit Using Ink Dots For Data Storage   | Silverbrook, Kia                     |
| 09112792 6353772 1                           | 50 07/10/1998    | A Vending Machine For The Production Of Customized Photos And Artcards Including A Set Of Instructions For A  | Silverbrook, Kia                     |
| 09112793 6390603 1                           | 50 07/10/1998    | Manipulation Of An Image Buckle Plate Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112794 6362843 1                           | 50 07/10/1998    | Thermal Elastic Rotary Impeller Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112795 6305770 1<br>09112796 6690416 1     |                  | Digital Photograph Storage Using Ink Jet Printing   | Silverbrook, Kia                     |
| 09112797 6137500 1                           |                  | Image Production Utilizing Text Editing Including Complex Character Sets Utilising Of Brush Stroking Techniques In The Generation Of Computer Images                                  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112798 6235211 1                           | 50 07/10/1998    | Method Of Manufacture Of An Image Creation Apparatus  | Silverbrook, Kia                     |
| 09112799 6258284 15<br>09112800 6264850 15   |                  | Method Of Manufacture Of A Dual Nozzle Single Honzontal Actuator Ink Jet Printer  | Silverbrook, Kia                     |
| 09112800 6264850 15<br>09112801 6491833 15   |                  | Dual Nozzle Single Honzontal Fulcrum Actuator Inkjet  Method Of Manufacture Of A Dual Chamber Single Vertical Actuator Ink Jet Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112802 6213589 1                           | 50 07/10/1998    | Planar Thermoelastic Bend Actuator Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112803 6231163 15<br>09112804 6366693 15   |                  | Stacked Electrostatic Ink Jet Printing Mechanism  A Method For Color Based Region Of Interest Detection And Selection   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112805 6329990 15                          | 50 07/10/1998    | Brush Stroke Palette Feedback Method For Automatic Digital "Painting" Effects   | Silverbrook, Kia                     |
| 09112806 6247790 15                          | 50 07/10/1998    | Inverted Radial Back-Curling Thermoelastic Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112807 6283581 1:<br>09112808 6302528 1:   |                  | Radial Back-Curling Thermoelastic Ink Jet Printing Mechanism Thermal Actuated Ink Jet Printing Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112809 6283582 1                           | 50 07/10/1998    | Iris Motion Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112810 6238033 1                           |                  | Reusable Camera System Which Authenticates A Refill Station   | Silverbrook, Kia                     |
| 09112811 6188415 15<br>09112812 6227654 15   |                  | Ink Jet Printer Having A Thermal Actuator Comprising An External Coil Spring Ink Jet Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112813 6209989 1                           | 50 07/10/1998    | Dual Chamber Single Actuator Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112814 6247791 15                          |                  | Dual Nozzle Single Horizontal Fulcrum Actuator Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112815 6247792 1:<br>09112816 6247793 1:   |                  | Ptfe Surface Shooting Shuttered Oscillating Pressure Ink Jet Printing Mechanism  Tapered Magnetic Pole Electromagnetic Ink Jet Printing Mechanism                                     | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112817 6245246 1                           | 50 07/10/1998    | Method Of Manufacture Of A Thermally Actuated Slotted Chamber Wall Ink Jet Printer  | Silverbrook, Kia                     |
| 09112818 6234610 15                          |                  | Gear Driven Shutter Ink Jet Printing Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112819 6241342 15<br>09112820 6260953 15   |                  | Lorenz Diaphragm Electromagnetic Ink Jet Printing Mechanism Surface Bend Actuator Vented Ink Supply Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09112821 6267469 15                          | 50 07/10/1998    | Solenoid Actuated Magnetic Plate Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09112822 6224780 1<br>09112823 6431704 1     |                  | Method Of Manufacture Of A Radiant Plunger Electromagnetic Ink Jet Printer Miniature Color Printer Using Ink And Paper Cartridgtes  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112824 6398328 1                           |                  | High Quality Image Copier With Exact Reproduction Of Digitally Halftoned Images   | Silverbrook, Kia                     |
| 09112825 6235212 1                           | 50 07/10/1998    | Method Of Manufacture Of An Electrostatic Ink Jet Printer   | Silverbrook, Kia                     |
| 09112826 6280643 1<br>09112827 6284147 1     |                  | Method Of Manufacture Of A Planar Thermoelastic Bend Actuator Ink Jet Printer  Method Of Manufacture Of A Stacked Electrostatic Ink Jet Printer                                       | Silverbrook, Kia                     |
| 09112828 6214244 1                           | 50 07/10/1998    | Method Of Manufacture Of A Reverse Spring Lever Ink Jet Printer   | Silverbrook, Kia                     |
| 09112829 6271931 1                           | 50 07/10/1998    | Data Addition To Optical Storage Cards Using Ink Dots   | Silverbrook, Kia                     |
| 09112830 6267904 15<br>09112831 6171875 15   |                  | Method Of Manufacture Of An Inverted Radial Back-Curling Thermoelastic Ink Jet  A Method Of Manufacture Of A Radial Back-Curling Thermoelastic Ink Jet Printer                        | Silverbrook, Kia<br>Silverbrook, Kia |
| 09112832 6180427 1                           | 50 07/10/1998    | Method Of Manufacture Of A Thermally Actuated Ink Jet Including A Tapered Heater Element  | Silverbrook, Kia                     |
| 09112833 6228668 1                           |                  | Method Of Manufacture Of A Thermally Actuated Ink Jet Printer Having A Series Of Thermal Actuator Units   | Silverbrook, Kia                     |
| 09112834 6350023 1                           | IN//10/1008      | Fluid Supply Mechanism  | Silverbrook, Kia                     |

|   |             |   | I Investor Name                      |
|---|-------------|---|--------------------------------------|
| Application# Patent# Status<br>09112835 6315914 150 |             | Title Method Of Manufacture Of A Coil Actuated Magnetic Plate Ink Jet Printer   | Inventor Name Silverbrook, Kia       |
|   |             | Method Of Manufacture Of A Surface Bend Actuator Vented Ink Supply Ink Jet Printer  | Silverbrook, Kia                     |
|   |             | Target Detection For Dot Region Alignment In Optical Storage Systems Using Ink Dots   | Silverbrook, Kia                     |
|   |             | Business Card Incorporating Optical Data Storage As Ink Dots  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Print Media Roll And Ink Replaceable Cartridge Utilization Of Image Illumination Effects In Photographs   | Silverbrook, Kia                     |
|   |             | Utilisation Of Image Tiling Effects In Photographs  | Silverbrook, Kia                     |
| 09113056 6665454 150                                |             | Dot Adjacency Compensation In Optical Storage Systems Using Ink Dots  | Silverbrook, Kia                     |
|   |             | Image Texture Mapping Camera  Prints Remaining Indicating For Company Mith Variable Length Brint Canability   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Prints Remaining Indicating For Camera With Variable Length Print Capability  Adaptive Tracking Of Dots In Optical Storage Systems Using Ink Dots     | Silverbrook, Kia                     |
|   |             | Digital Instant Printing Camera With Image Processing Capability  | Silverbrook, Kia                     |
|   |             | Linear Stepper Actuator Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
|   |             | Clamping Of Layers In A Multi-Layer Mems Actuator Method And Apparatus For Information Storage In A Portable Print Roll                               | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Utilisation Of Quantum Wires In Mems Actuators  | Silverbrook, Kia                     |
|   |             | The Utilisation Of Barrier Lyers In The Construction Of Micro Electromechanical Systems   | Silverbrook, Kia                     |
|   |             | Planar Swing Grill Electromagnetic Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
|   |             | Preprinted Print Rolls For Use In An Image Processing Device  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Shutter Based Ink Jet Printing Mechanism Authentication System For Camera Print Rolls   | Silverbrook, Kia                     |
|   |             | Image Transformation Means Including User Interface   | Silverbrook, Kia                     |
| 09113071 7050143 150                                |             | Camera System With Computer Language Interpreter  | Silverbrook, Kia                     |
| 09113072 Not Issued 161                             |             | Data Distribution Method And Apparatus  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Digital Camera System With Integral Print Roll  Method Of Manufacture Of A Buckle Plate Ink Jet Printer   | Silverbrook, Kia                     |
| 09113075 6382769 150                                | 07/10/1998  | Method Of Tab Alignment In An Integrated Circuit Type Device  | Silverbrook, Kia                     |
| 09113076 6855264 150                                | 07/10/1998  | Method Of Manufacture Of An Ink Jet Printer Having A Thermal Actuator Comprising An External Coil Spring  | Silverbrook, Kia                     |
|   |             | Two Plate Reverse Firing Electromagnetic Ink Jet Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Lever Arrangement For A Micro-Electro Mechanical System Micro Cillia Array And Use Thereof  | Silverbrook, Kia                     |
|   |             | A Micro-Electro Mechanical System   | Silverbrook, Kia                     |
| 09113081 6067797 150                                | 07/10/1998  | Thermal Actuator  | Silverbrook, Kia                     |
| 09113082 6299300 150                                |             | Mems Grill Structure For Filtering Fluids Conductive Pito Bond Actuator Verted lak let Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113083 6338547 150<br>09113084 6244691 150        |             | Conductive Ptfe Bend Actuator Vented Ink Jet Printing Mechanism An Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09113085 6238111 150                                | 07/10/1998  | Camera Picture Printing User Interface And Method   | Silverbrook, Kia                     |
| 09113086 Not Issued 161                             | 07/10/1998  | Method Integrating The Electronic Components Of A Digital Printing Camera System  | Silverbrook, Kia                     |
| 09113087 6306671 150                                |             | Method Of Manufacture Of A Shape Memory Alloy Ink Jet Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113088 6294101 150<br>09113089 6110754 150        |             | Method Of Manufacture Of A Thermoelastic Bend Actuator Ink Jet Printer  Method Of Manufacture Of A Thermal Elastic Rotary Impeller Ink Jet Print Head | Silverbrook, Kia                     |
| 09113090 Not Issued 93                              |             | Digital Camera System Having Motion Debluming Means   | Silverbrook, Kia                     |
| 09113091 6486886 150                                | 07/10/1998  | Bump Map Compositing For Simulated Digital Painting Effects   | Silverbrook, Kia                     |
| 09113092 Not Issued 161                             |             | On Chip Clocking System For A Camera Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113093 6340222 150<br>09113094 Not Issued 71      |             | Utilising Venting In A Mems Liquid Pumping System  Method Of Color Correction In A Digital Camera System  | Silverbrook, Kia                     |
| 09113095 6234611 150                                |             | Curling Calyx Thermoelastic Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09113096 6264307 150                                |             | Buckle Grill Oscillating Pressure Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09113097 6247795 150                                |             | Reverse Spring Lever Ink Jet Printing Mechanism Single Bend Actuator Cupped Paddle Inkjet Printing Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113098 6312615 150<br>09113099 6394581 150        |             | Paddle Type Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 09113100 6087638 150                                |             | Corrugated Mems Heater Structure  | Silverbrook, Kia                     |
| 09113101 Not Issued 161                             |             | A Printer Mechanism   | Silverbrook, Kia                     |
| 09113102 6231148 150<br>09113103 6318849 150        |             | Low Cost Disposable Digital Instant Printing Camera System Fluid Supply Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113103 6318849 150<br>09113104 6614560 150        |             | Integrated Camera Circuit Including Image Sensor, Image Processing, And Printer Drive Circuits  | Silverbrook, Kia                     |
| 09113105 6293658 150                                | 07/10/1998  | Printhead Ink Supply System   | Silverbrook, Kia                     |
| 09113106 Not Issued 161                             |             | Compact Form Storage Of Replenishable Portions Of A Print On Demand Camera System   | Silverbrook, Kia                     |
| 09113107 Not Issued 161<br>09113108 6267905 150     |             | Reader To Decode Sound And Play Sound Encoded On Photographs  A Method Of Manufacture Of A Permanent Magnet Electromagnetic Ink Jet Printer           | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Method Of Manufacture Of A Planar Swing Grill Electromagnetic Ink Jet Printer   | Silverbrook, Kia                     |
| 09113110 6290861 150                                | 07/10/1998  | Method Of Manufacture Of A Conductive Ptfe Bend Actuator Vented Ink Jet Printer   | Silverbrook, Kia                     |
| 09113111 6071750 150                                | 07/10/1998  | Method Of Manufacture Of A Paddle Type Ink Jet Printer  | Silverbrook, Kia                     |
| 09113112 6248248 150                                |             | Method Of Manufacture Of A Magnetostrictive Ink Jet Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113113 6231772 150<br>09113114 6225138 150        |             | Method Of Manufacture Of An Iris Motion Ink Jet Printer  Method Of Manufacture Of A Pulsed Magnetic Field Ink Jet Printer                             | Silverbrook, Kia                     |
| 09113115 6241904 150                                | 07/10/1998  | Method Of Manufacture Of A Two Plate Reverse Finng Electromagnetic Ink Jet Printer  | Silverbrook, Kia                     |
| 09113116 6565762 150                                |             | Method Of Manufacture Of A Shutter Based Ink Jet Printer  | Silverbrook, Kia                     |
| 09113117 6451216 150<br>09113118 6241905 150        | 07/10/1998  | Method Of Manufacture Of A Thermal Actuated Ink Jet Printer Method Of Manufacture Of A Curling Calyx Thermoelastic Ink Jet Printer                    | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113119 6248249 150                                | 07/10/1998  | Method Of Manufacture Of A Lorenz Diaphragm Electromagnetic Ink Jet Printer   | Silverbrook, Kia                     |
| 09113120 6290862 150                                | 07/10/1998  | Method Of Manufactue Of A Ptfe Surface Shooting Shuttered Oscillating Pressure Ink Jet Printer  | Silverbrook, Kia                     |
| 09113121 6247796 150                                | 07/10/1998  | Magnetostrictive Ink Jet Printing Mechanism   | Silverbrook, Kia                     |
| 09113122 6557977 150<br>09113123 6258285 150        |             | Shape Memory Alloy Ink Jet Printing Mechanism Method Of Manufacture Of A Pump Action Refill Ink Jet Printer   | Silverbrook, Kia                     |
| 09113123 6258285 150<br>09113124 6866789 150        |             | Method Of Manufacture Of A Pump Action Renii Ink Jet Printer  Method Of Manufacture Of A Gear Driven Shutter Ink Jet Printer                          | Silverbrook, Kia                     |
| 09113125 6231773 150                                | 07/10/1998  | Method Of Manufacture Of A Tapered Magnetic Pole Electromagnetic Ink Jet Printer  | Silverbrook, Kia                     |
| 09113126 6190931 150                                | 07/10/1998  | Method Of Manufacture Of A Linear Spring Electromagnetic Grill Ink Jet Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113127 6312107 150<br>09113128 6293653 150        |             | Thermoelastic Bend Actuator Using Ptfe Corrugated Heater Ink Jet Printing Mechanism Thermoelastic Bend Actuator Ink Jet Printing Mechanism            | Silverbrook, Kia                     |
| 09113128 6293653 150                                |             | Method Of Manufacture Of A Linear Stepper Actuator Ink Jet Printer  | Silverbrook, Kia                     |
| 09113130 6274056 150                                | 07/10/1998  | Method Of Manufacturing Of A Direct Firing Thermal Bend Actuator Ink Jet Printer  | Silverbrook, Kia                     |
| 09113221 6241906 150                                | 07/10/1998  | Method Of Manufacture Of A Buckle Strip Grill Oscillating Pressure Ink Jet Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09113223 6442525 150<br>09113224 6636216 150        |             | A System For Authenticating Physical Objects Digital Image Warping System   | Silverbrook, Kia                     |
| 09369281 7012620 150                                |             | Full-Color Desktop Publishing System  | Silverbrook, Kia                     |
| 09422805 6439699 150                                | 10/19/1999  | Ink Supply Unit Structure   | Silverbrook, Kia                     |
| 09422806 6378989 150                                |             | Micromechanical Device With Ribbed Bend Actuator  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09422892 6439689 150<br>09422893 6634735 150        |             | Inkjet Printhead With Nozzle Rim Temperature Regulation Of Fluid Ejection Printheads  | Silverbrook, Kia                     |
| 09425191 Not Issued 161                             | 10/19/1999  | Ink Supply Arrangement For A Portable Ink Jet Printer   | Silverbrook, Kia                     |
| 09425193 6443558 150                                | 10/19/1999  | Inkjet Printhead Having Thermal Bend Actuator With Separate Heater Element  | Silverbrook, Kia                     |
| 09425194 6420196 150                                |             | Method Of Forming An Inkjet Printhead Using Part Of Active Circuitry Layers To Form Sacrificial Structures  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09425195 6592207 150                                |             | Power Distribution Arrangement For An Inkjet Printhead Inkjet Printhead With Nozzle Pokers  | Silverbrook, Kia                     |
| 09425416 6299289 150                                | 11//14/1999 | HINKIET PRINTINEAU VIIIN NOZZIE POKETS  | Jourdi Diook, Ma                     |

| Application# Patent#                    | Status | Date Filed  | Title   | Inventor Name                        |
|---|--------|-------------|---|--------------------------------------|
| 09425417 6299290                        |        |             | Fluid Flow Restriction In An Inkjet Printhead   | Silverbrook, Kia                     |
| 09425418 6309048                        |        |             | Inkjet Printhead Having An Actuator Shroud  | Silverbrook, Kia                     |
| 09425419 6273544                        | 150    | 10/19/1999  | Inkjet Printhead Having A Self Aligned Nozzle   | Silverbrook, Kia                     |
| 09425420 6848181                        |        |             | Method Of Constructing An Inkjet Printhead With A Large Number Of Nozzles   | Silverbrook, Kia                     |
| 09425421 6312114                        | 150    | 10/19/1999  | Method Of Interconnecting A Printhead With An Ink Supply Manifold And A Combined Structure Resulting Therefrom  | Silverbrook, Kia                     |
| 09436507 6405055                        | 150    | 11/09/1999  | Hand Held Mobile Phone With Integral Internal Printer With Print Media Supply   | Silverbrook, Kia                     |
| 09436508 6626529                        |        |             | Print Media Cartridge With Integral Print Media Transport Mechanism   | Silverbrook, Kia                     |
| 09436509 6158907                        |        |             | Pc Card Printer   | Silverbrook, Kia                     |
| 09436533 6270177                        |        |             | Printer Unit For Pc Disk Drive Bay  | Silverbrook, Kia                     |
| 09436589 6628430                        |        |             | Hand Held Mobile Phone With Integral Internal Printer   | Silverbrook, Kia                     |
| 09436745 Not Issued                     |        |             | Firing Pulse Duration Control   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09436746 Not Issued<br>09436747 6687022 |        |             | Pre-Heat Cycle For A Printhead Multiple Simultaneous Access   | Silverbrook, Kia                     |
| 09436751 6520631                        |        |             | Cartridge For A Sticker Printing Digital Camera Device  | Silverbrook, Kia                     |
| 09436818 6450605                        |        | 11/09/1999  | Modular Printhead And Methods Of Loading And Printing Using It  | Silverbrook, Kia                     |
| 09436872 Not Issued                     |        |             | Printhead Capping Mechanism   | Silverbrook, Kia                     |
| 09437007 6835135                        |        |             | Video Game Console With Integral Printer Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09437036 6276850<br>09437075 Not Issued |        |             | Sticker Printing Camera Device Predicting When An Ink Reservoir Will Run Out Of Ink   | Silverbrook, Kia                     |
| 09458498 6425654                        |        |             | Ink Jet Printhead With Tapered Nozzle Chambers  | Silverbrook, Kia                     |
| 09458785 6447113                        |        |             | Duplex Inkjet Printing System   | Silverbrook, Kia                     |
| 09459409 Not Issued                     |        |             | Controller For Controlling Printing On Both Surfaces Of A Sheet Of Print Media  | Sitverbrook, Kia                     |
| 09459410 6398359                        |        |             | Printer Transfer Roller With Internal Drive Motor   | Silverbrook, Kia                     |
| 09459411 6431777                        |        |             | Printer For Incorporation Into Systems With Limited Access  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09504221 6612110<br>09505003 Not Issued |        |             | Mechanical Bend Actuator Printer Controller For A High-Speed Printer  | Silverbrook, Kia                     |
| 09505004 6460778                        |        |             | Liquid Ejection Device  | Silverbrook, Kia                     |
| 09505010 6305788                        |        |             | Liquid Ejection Device  | Silverbrook, Kia                     |
| 09505011 6364451                        |        |             | Duplexed Redundant Print Engines  | Silverbrook, Kia                     |
| 09505012 6322195                        |        |             | Nozzie Chamber Paddie   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09505150 6533390<br>09505151 6454378    |        |             | Printhead Assembly For A Printer And A Method Of Manufacture Thereof  Method Of Managing Printhead Assembly Defect Data And A Printhead Assembly With Defect Data | Silverbrook, Kia                     |
| 09505151 6454378                        |        |             | Thermal Bend Actuator   | Silverbrook, Kia                     |
| 09505154 6390605                        |        |             | Thermal Bend Actuator   | Silverbrook, Kia                     |
| 09505952 6757832                        | 150    | 02/15/2000  | Unauthonsed Modification Of Values In Flash Memory  | Silverbrook, Kia                     |
| 09516874 6745331                        |        |             | Authentication Chip With Protection From Power Supply Attacks   | Silverbrook, Kia                     |
| 09517380 6334190                        |        |             | System For The Manipulation Of Secure Data  Shipting Manipulation Of Secure Data  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09517541 Not Issued<br>09524958 6426014 |        |             | Shielding Manipulations Of Secret Data  Method Of Manufacturing A Thermal Bend Actuator   | Silverbrook, Kia                     |
| 09526504 6443555                        |        |             | Pagewidth Wide Format Printer   | Silverbrook, Kia                     |
| 09552799 6478406                        |        |             | Ink Jet Ejector   | Silverbrook, Kia                     |
| 09556217 6457795                        | 150    |             | Actuator Control In A Micro Electro-Mechanical Device   | Silverbrook, Kia                     |
| 09556218 Not Issued                     |        |             | Page-Width Printhead  | Silverbrook, Kia                     |
| 09556219 6595624<br>09556401 6364453    | 150    |             | Actuator Element The second Actuator Element  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09556401 6364453<br>09564034 6439693    |        |             | Thermal Actuator Thermal Bend Actuator  | Silverbrook, Kia                     |
| 09567951 6425971                        |        |             | Method Of Fabricating Devices Incorporating Microelectromechanical Systems Using Uv Curable Tapes   | Silverbrook, Kia                     |
| 09575108 6795215                        | 150    | 05/23/2000  | Print Engine/Controller And Printhead Interface Chip Incoprorating The Engine/Controller  | Silverbrook, Kia                     |
| 09575111 6488422                        | 150    |             | Paper Thickness Sensor In A Printer   | Silverbrook, Kia                     |
| 09575112 6318920                        |        |             | Rotating Platen Member  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575113 6604810<br>09575114 6281912    |        |             | Printhead Capping Arrangement Air Supply Arrangement For A Printer  | Silverbrook, Kia                     |
| 09575115 6409323                        |        |             | Laminated Ink Distribution Assembly For A Printer   | Silverbrook, Kia                     |
| 09575116 6980318                        |        |             | Method And System For Delivery Of A Greeting Card   | Silverbrook, Kia                     |
| 09575117 6464332                        | 150    | 05/23/2000  | Method And Apparatus For The Compensation For Time Varying Nozzle Misalignment In A Drop On Demand Printhead  | Silverbrook, Kia                     |
|   |        |             |   | Silverbrook, Kia                     |
| 09575118 6987506                        |        |             | Method And System For Navigating A Directory  Effects Processor For Effects Module  | Silverbrook, Kia                     |
| 09575121 6956669<br>09575123 Not Issued |        |             | Method And System For Delivery Of A Newspapr Or Magazine  | Silverbrook, Kia                     |
| 09575124 6830196                        |        | 05/23/2000  | Identity-Coded Surface Region   | Silverbrook, Kia                     |
| 09575125 6526658                        | 150    | 05/23/2000  | Method Of Manufacture Of An Ink Jet Printhead Having A Moving Nozzle With An Externally Arranged Actuator   | Silverbrook, Kia                     |
| 09575126 6328425                        |        |             | Thermal Bend Actuator For A Micro Electro-Mechanical Device   | Silverbrook, Kia                     |
| 09575127 6991320<br>09575128 6502614    |        |             | Vent In A Micro Electro-Mechanical Device Printed Media Transverse Binder   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575128 6502614<br>09575129 Not Issued |        |             | Printed Media Transverse Binder  Computer System Interface Surface With Reference Points  | Silverbrook, Kia                     |
| 09575130 Not Issued                     |        |             | Method And System For Delivery Of A Book  | Silverbrook, Kia                     |
| 09575131 7038797                        | 150    | 05/23/2000  | Method And System For Delivery Of Mail  | Silverbrook, Kia                     |
| 09575132 Not Issued                     |        |             | Method And System For Providing Targeted Information In A Document  | Silverbrook, Kia                     |
| 09575133 6591884                        | 150    |             | Printed Media Production  Effects Media For Compact Prints System   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575134 6967741<br>09575135 6812972    |        |             | Effects Module For Compact Printer System  Camera Module For Compact Printer System   | Silverbrook, Kia                     |
| 09575136 6238043                        |        |             | Ink Cartridge For Compact Printer System  | Silverbrook, Kia                     |
| 09575137 6903766                        | 150    | 05/23/2000  | Timer Module For Compact Printer System   | Silverbrook, Kia                     |
| 09575138 6328431                        | 150    |             | Seal In A Micro Electro-Mechanical Device   | Silverbrook, Kia                     |
| 09575139 Not Issued                     |        |             | Method And System For Delivery Of A Facsimile   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575140 6338548<br>09575141 6428133    |        |             | Seal In A Micro Electro-Mechanical Device Ink Jet Printhead Having A Moying Nozzle With An Externally Arranged Actuator   | Silverbrook, Kia                     |
| 09575141 6426133                        | 150    |             | Micro-Mechanical Device Comprising A Liquid Chamber   | Silverbrook, Kia                     |
| 09575143 6439706                        |        | 05/23/2000  | Printer Cartridge With Binder   | Silverbrook, Kia                     |
| 09575144 6816274                        | 150    | 05/23/2000_ | Method And System For Composition And Delivery Of Electronic Mail   | Silverbrook, Kia                     |
| 09575145 Not Issued                     |        |             | Method And System For Printing A Photograph   | Silverbrook, Kia                     |
| 09575146 6785016<br>09575147 6390591    |        |             | Portable Interactive Printer  Nozzle Guard For An Ink Jet Printhead   | Silverbrook, Kia                     |
| 09575147 6390591<br>09575148 6825945    |        |             | Method And System For Delivery Of A Brochure  | Silverbrook, Kia                     |
| 09575149 6669385                        |        |             | A Printer Having A Document Transfer Device   | Silverbrook, Kia                     |
| 09575150 Not Issued                     | 161    | 05/23/2000  | Network Terminal Authorization Protocol   | Silverbrook, Kia                     |
| 09575151 6322194                        | 150    |             | Calibrating A Micro Electro-Mechanical Device   | Silverbrook, Kia                     |
| 09575152 7018016                        |        |             | Fluidic Seal For An Ink Jet Nozzle Assembly   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575153 6813039<br>09575154 7055739    |        |             | Method And System For Accessing The Internet Identity-Coded Surface With Reference Points   | Silverbrook, Kia                     |
| 09575155 6727996                        |        |             | Interactive Printer   | Silverbrook, Kia                     |
| 09575156 Not Issued                     |        | 05/23/2000  | Interactive Paper Publisher   | Silverbrook, Kia                     |
| 09575157 Not Issued                     | 161    | 05/23/2000  | Camera -Printer Module With An Image Processor  | Silverbrook, Kia                     |
| 09575158 6383833                        | 150    | 105/23/2000 | Method Of Fabricating Devices Incorporating Microelectromechanical Systems Using At Least One Uv Curable Tape   | Silverbrook, Kia                     |

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| Application# Patent#   Status<br>09575159 7079712 150 |            | Method And System For Providing Information In A Document  | Silverbrook, Kia                     |
| 09575160 6789194 150                                  |            | Network Publishing Authorization Protocol  | Silverbrook, Kia                     |
| 09575161 Not Issued 94                                |            | Computer System Control With User Data Via Interface Surface   | Silverbrook, Kia                     |
| 09575162 Not Issued 71                                | 05/23/2000 | Document Request Via Interface Surface   | Silverbrook, Kia                     |
|   |            | System For Data Transfer   | Silverbrook, Kia                     |
|   |            | Printer Cartridge Including Machine Readable Ink   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575165 Not Issued 71<br>09575166 6553459 150        |            | Method And System For Delivery Of A Secure Document  Memory Module For Compact Printer System  | Silverbrook, Kia                     |
|   |            | Orientation Sensing Device   | Sitverbrook, Kia                     |
| 09575170 Not Issued 161                               | 05/23/2000 | Handwritten Text Capture Via Interface Surface   | Silverbrook, Kia                     |
| 09575171 Not Issued 99                                |            | Signature Capture Via Interface Surface  | Silverbrook, Kia                     |
| 09575172 Not Issued 161<br>09575173 6712452 150       |            | Hand Drawing Capture Via Interface Surface   | Silverbrook, Kia                     |
| 09575173 6712452 150<br>09575174 6870966 150          |            | Modular Compact Printer System Sensing Device  | Silverbrook, Kia                     |
| 09575175 6629745 150                                  |            | Fault Detection In A Micro Electro-Mechanical Device   | Silverbrook, Kia                     |
| 09575176 6328417 150                                  | 05/23/2000 | Ink Jet Printhead Nozzle Array   | Silverbrook, Kia                     |
| 09575177 6382779 150                                  |            | Testing A Micro Electro- Mechanical Device   | Silverbrook, Kia                     |
| 09575178 6290349 150<br>09575179 6549935 150          |            | Printer Consumable Cartridge  A Method Of Distributing Documents Having Common Components To A Plurality Of Destinations                 | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575180 6622999 150                                  |            | Printed Media Binder   | Silverbrook, Kia                     |
| 09575181 Not Issued 71                                |            | Method And System For Bill Management  | Silverbrook, Kia                     |
| 09575182 6924907 150                                  |            | Compact Color Printer Module   | Silverbrook, Kia                     |
| 09575183 7062651 150                                  |            | Network Printer Registration Protocol  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575184 6844642 150<br>09575185 6681045 150          |            | Printed Media Parallel Binder  Method And System For Note Taking   | Silverbrook, Kia                     |
| 09575186 Not Issued 71                                |            | Method And System For Creation And Use Of A Photo Album  | Silverbrook, Kia                     |
| 09575187 6987573 150                                  | 05/23/2000 | Interface Surface Printer  | Silverbrook, Kia                     |
| 09575188 6832717 150                                  |            | Computer System Interface Surface  | Silverbrook, Kia                     |
| 09575189 6957768 150                                  |            | Computer System Control Via Interface Surface  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575190 6540319 150<br>09575191 6728000 150          |            | Movement Sensor In A Micro Electro-Mechanical Device  Method And System For Printing A Document  | Silverbrook, Kia                     |
| 09575191 0725000 130                                  |            | Method And System For Providing A Copy Of A Printed Page   | Silverbrook, Kia                     |
| 09575193 7068382 150                                  | 05/23/2000 | Interactive Printer Provider   | Silverbrook, Kia                     |
| 09575194 6418160 150                                  |            | Compact Printer System And Capping Mechanism   | Silverbrook, Kia                     |
| 09575195 Not Issued 81<br>09575196 6760119 150        |            | Method And System For Online Purchasing Relay Device   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09575197 Not Issued 71                                | 05/23/2000 | Method And System For Online Payments  | Silverbrook, Kia                     |
| 09575198 Not Issued 71                                |            | Interactive Printer With Actuator  | Silverbrook, Kia                     |
|   | 06/30/2000 | Separating Device For A Print Engine   | Silverbrook, Kia                     |
| 09607251 6425661 150                                  |            | Ink Cartridge  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |            | Ink Jet Fault Tolerance Using Adjacent Nozzles  Method And System For Accessing Travel Services  | Silverbrook, Kia                     |
| 09607656 6976035 150                                  |            | Method And System For Navigating A History List  | Silverbrook, Kia                     |
| 09607657 6457883 150                                  |            | Interactive Printer Reward Scheme  | Silverbrook, Kia                     |
| 09607843 Not Issued 71                                | 06/30/2000 | Method And System For Banking  | Silverbrook, Kia                     |
| 09607844 6957921 150<br>09607852 6976220 150          |            | Interactive Printer Account  Method And System For Conferencing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09607987 6347864 150                                  |            | Print Engine Including An Air Pump   | Silverbrook, Kia                     |
| 09607990 6398332 150                                  | 06/30/2000 | Controlling The Timing Of Printhead Nozzle Firing  | Silverbrook, Kia                     |
| 09607991 6588952 150                                  |            | Ink Feed Arrangement For A Print Engine  | Silverbrook, Kia                     |
| 09607993 6238044 150<br>09608022 Not Issued 89        |            | Print Cartridge  Method And System For Submitting Bids   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09608093 6417757 150                                  |            | Buckle Resistant Thermal Bend Actuators  | Silverbrook, Kia                     |
| 09608178 6973450 150                                  |            | Method And System For Searching Information  | Silverbrook, Kia                     |
|   |            | A Capping Mechanism For A Print Engine   | Silverbrook, Kia                     |
| 09608776 6439704 150                                  |            | Ejector Mechanism For A Print Engine   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09608777 6428139 150<br>09608779 6676250 150          |            | Ink Jet Fault Tolerance Using Extra Ink Dots  An Ink Supply Assembly For A Print Engine  | Silverbrook, Kia                     |
| 09608780 7075677 150                                  |            | Ink Jet Fault Tolerance Using Oversize Drops   | Silverbrook, Kia                     |
| 09608920 6831682 150                                  | 06/30/2000 | Digital Camera With Interactive Printer  | Silverbrook, Kia                     |
| 09608970 Not Issued 83                                |            | Method And System For Copyright Fee Management   | Silverbrook, Kia                     |
| 09609039 6878499 150<br>09609132 6766942 150          |            | Method And System For Examinations  Method And System For Collaborative Document Markup  | Silverbrook, Kia                     |
|   |            | Method And System For Obtaining A Video-Related Document   | Silverbrook, Kia                     |
| 09609140 6755513 150                                  | 06/30/2000 | Printhead Support Structure And Assembly   | Silverbrook, Kia                     |
| 09609149 6965882 150                                  |            | Method And System For Seeking Bids   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09609232 7007851 150<br>09609233 Not Issued 161       |            | Interactive Printer Persistent Storage Provider  Method And System For Searching Classified Advertising                                  | Silverbrook, Kla                     |
| 09609303 Not Issued 71                                |            | Method And System For User Registration  | Silverbrook, Kia                     |
| 09609553 Not Issued 71                                | 06/30/2000 | Method And System For Listing Classified Advertising   | Silverbrook, Kia                     |
| 09609596 6978019 150                                  |            | Method And System For User Registration On Terminal  | Silverbrook, Kia<br>Silverbrook, Kia |
| 09610095 6922779 150<br>09646927 6593166 150          |            | Method And System For Sensing Device Registration  Method For Construction Of Nanotube Matrix Material                                   | Silverbrook, Kia                     |
| 09662210 6612240 150                                  |            | Drying Of An Image On Print Media In A Modular Commercial Printer  | Silverbrook, Kia                     |
| 09662617 6970186 150                                  | 09/15/2000 | Camera Exchange System And Method  | Silverbrook, Kia                     |
| 09662668 7006143 150                                  |            | Arrangement Of Print Media In A Low-Cost Disposable Camera   | Sitverbrook, Kia                     |
| 09662792 6238115 150<br>09663153 6738096 150          |            | Modular Commercial Printer  Low-Cost Disposable Camera Including Print Media Carrying Indication Of Postage Paid                         | Silverbrook, Kia<br>Silverbrook, Kia |
| 09663282 6398344 150                                  |            | Print Head Assembly For A Modular Commercial Printer   | Silverbrook, Kia                     |
| 09663476 6876394 150                                  | 09/15/2000 | Arrangement Of Ink In A Low-Cost Disposable Camera   | Silverbrook, Kia                     |
| 09663579 6679420 150                                  |            | Business Card As Electronic Mail Token   | Silverbrook, Kia                     |
| 09663599 6963845 150<br>09663640 6720985 150          |            | Business Card As Electronic Mail Authorization Token  Method And System For Object Selection   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09663640 6720985 150<br>09663701 6995859 150          |            | Method And System For Object Selection  Method And System For Instruction Of A Computer  | Silverbrook, Kia                     |
| 09663831 6386535 150                                  | 09/15/2000 | Loading Mechanism For A Modular Commercial Printer   | Silverbrook, Kia                     |
| 09688225 6287028 150                                  |            | Arrangement Of A Power Supply In A Recyclable, Digital Camera  | Silverbrook, Kia                     |
| 09688226 6412993 150                                  |            | Arrangement Of Usage Indicator In A Recyclable, Digital Camera   | Silverbrook, Kia<br>Silverbrook, Kia |
| 09692813 6565193 150<br>09693068 6507099 150          |            | Component For A Four Color Printhead Module  Multi-Chip Integrated Circuit Carrier   | Silverbrook, Kia                     |
| 09693078 6647369 150                                  |            | Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs  | Silverbrook, Kia                     |
| 09693079 Not Issued 100                               | 10/20/2000 | Thermoelastic Actuator Design  | Silverbrook, Kia                     |
| 09693083 6859225 150                                  | 10/20/2000 | Method And Apparatus For Fault Tolerant Data Storage On Photographs  Method And Apparatus For Fault Tolerant Data Storage On Photographs | Silverbrook, Kia<br>Silverbrook, Kia |
| 09693134 6924835 150<br>09693135 6854825 150          |            | Printed Media Production   | Silverbrook, Kia                     |
| 09693216 6474888 150                                  |            | Universal Pen With Code Sensor   | Silverbrook, Kia                     |
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| 09693219 Not Issued 93  |   | Method And System For The Copying Of Documents   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09693226 6943830 150<br>09693277 6710457 150  |   | Printed Card Based User Interface System   | Silverbrook, Kia  |
| 09693278 6439908 150  |   | Integrated Circuit Camer Power Supply For A Four Color Modular Printhead   | Silverbrook, Kia  |
| 09693279 6457809 150  |   | Drop Flight Correction For Moving Nozzle Ink Jet   | Silverbrook, Kia  |
| 09693280 6813558 150  |   | Method And System For Route Planning   | Silverbrook, Kia  |
| 09693301 6982798 150  |   | Interface Surface Printer  | Silverbrook, Kia  |
| 09693311 6609787 150  |   | Ink Supply Device For A Four Color Modular Printhead   | Silverbrook, Kia  |
| 09693312 6428142 150  |   | Four Color Modular Printhead System  | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09693313 6505916 150  |   | Nozzle Poker For Moving Nozzle Ink Jet   | Silverbrook, Kia  |
| 09693317 Not Issued 71<br>09693319 6609786 150  |   | Digital Photographic Duplication System With Image Quality Restoration  Four Color Modular Printhead Assembly  | Silverbrook, Kia  |
| 09693335 6550997 150  |   | Printhead/ink Cartridge For Pen  | Silverbrook, Kia  |
| 09693336 6474773 150  |   | Capping Mechanism For Pen Printhead  | Silverbrook, Kia  |
| 09693340 6485135 150  |   | Ink Feed For Six Color Inkjet Modular Printhead  | Silverbrook, Kia  |
| 09693341 6627870 150  |   | Sensing Device With Interchangeable Nibs   | Silverbrook, Kia  |
| 09693388 6454482 150  | 10/20/2000  | Universal Pen  | Silverbrook, Kia  |
| 09693415 Not Issued 161   |   | Method And System For Advertising  | Silverbrook, Kia  |
| 09693471 6496654 150  |   | Method And Apparatus For Fault Tolerant Data Storage On Photographs  | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09693473 6724374 150<br>09693484 6775906 150  |   | Sensing Device For Coded Electronic Ink Surface Method Of Manufacturing An Integrated Circuit Carrier  | Silverbrook, Kia  |
| 09693510 6527365 150  |   | Printhead For Pen  | Silverbrook, Kia  |
| 09693514 Not Issued 71  |   | Printer With Code Sensor   | Silverbrook, Kia  |
| 09693515 6965454 150  |   | Method And System For Graphic Design   | Silverbrook, Kia  |
| 09693593 Not Issued 161   | 10/20/2000  | Category Buttons On Interactive Paper  | Silverbrook, Kia  |
| 09693644 6655786 150  |   | Mounting Of Printhead In Support Member Of Six Color Inkjet Modular Printhead  | Silverbrook, Kia  |
| 09693647 Not Issued 100   |   | Method And System For Device Control   | Silverbrook, Kia  |
| 09693690 Not Issued 71  |   | Method And System For Providing Insurance Services   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09693703 6623101 150<br>09693704 6808330 150  |   | Moving Nozzle Ink Jet Universal Pen With Sampler   | Silverbrook, Kia  |
| 09693705 6847883 150  |   | Method And System For Map And Globe Navigation   | Silverbrook, Kia  |
| 09693706 6406129 150  |   | Fluidic Seal For Moving Nozzle Ink Jet   | Silverbrook, Kia  |
| 09693707 Not Issued 161   | 10/20/2000  | Integrated Circuit Carrier With Recesses   | Silverbrook, Kia  |
| 09693708 6457812 150  | 10/20/2000  | Bend Actuator In An Inkjet Printhead   | Silverbrook, Kia  |
| 09693727 6550895 150  |   | Moving Nozzle Ink Jet With Inlet Restriction   | Silverbrook, Kia  |
| 09693735 6684503 150  |   | Method Of Manufacturing A Four Color Modular Printhead   | Silverbrook, Kia  |
| 09693737 6457810 150  |   | Method Of Assembly Of Six Color Inkjet Modular Printhead   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09721856 6530339 150<br>09721857 Not Issued 161   |   | Application Of Binding Adhesive To Pages Passing Through A Printer  Two-Part Binding Adhesive Application In A Printing/Binding Process  | Silverbrook, Kia  |
| 09721858 6980306 150  |   | Printer With Manual Collation Control  | Silverbrook, Kia  |
| 09721859 6631897 150  | 11/25/2000  |  | Silverbrook, Kia  |
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| 09721861 6826547 150  |   | Printer Service Denial   | Silverbrook, Kia  |
| 09721862 Not Issued 80  |   | Coded Surface With Function Flags  | Silverbrook, Kia  |
| 09721892 6741871 150  |   | Mobile Phone With Interactive Printer  | Silverbrook, Kia  |
| 09721893 6792165 150  |   | Sensing Device   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 09721894 Not Issued 83  |   | Method And System For Capturing A Note-Taking Session System And Method For Controlling A Telephone Via A Computer System And Printed Control Interface  | Silverbrook, Kia  |
| 09721895 Not Issued 71<br>09721896 Not Issued 71  |   | Method And System For Online Purchasing  | Silverbrook, Kia  |
| 09722087 6788982 150  |   | Audio Player With Code Sensor  |   |
| . UBIZZUDII DIDBBOZIIDU   | 111/25/2000   |  | Silverbrook, Kia  |
| 09722088 Not Issued 100   | 11/25/2000  | Orientation Sensing Device   | Silverbrook, Kia  |
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| 09722088 Not Issued 100<br>09722141 Not Issued 71<br>09722146 Not Issued 61<br>09722147 6946672 150<br>09722148 7064851 150<br>09722171 6927871 150<br>09722172 Not Issued 95   | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
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| 09722088 Not Issued 100<br>09722141 Not Issued 61<br>09722147 Not Issued 61<br>09722147 6946672150<br>09722148 7064851 150<br>09722171 6927871 150<br>09722172 Not Issued 95<br>09722174 Not Issued 41<br>09722175 6788293 150<br>09798135 6447099 150<br>09798408 6612687 150  | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>103/02/2001<br>03/02/2001   | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism   | Silverbrook, Kia  |
| 09722088 Not Issued 100 09722146 Not Issued 61 09722146 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798408 6612687 150 09798416 6416170 150 09798714 6712453 150   | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>03/02/2001<br>03/02/2001<br>03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim  | Sitverbrook, Kia   |
| 09722088 Not Issued 100 09722141 Not Issued 71 09722146 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 41 09722173 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798408 6612687 150 09798416 6416170 150 09798714 6712453 150 09798716 6402300 150  | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>03/02/2001<br>03/02/2001<br>03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal  | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722141 Not Issued 61 09722147 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798406 6612687 150 09798146 6416170 150 09798714 6712453 150 09798716 6402300 150 09798716 6402300 150   | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall  | Sitverbrook, Kia  |
| 09722088 Not Issued 100 09722141 Not Issued 71 09722146 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 41 09722173 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798408 6612687 150 09798416 6416170 150 09798714 6712453 150 09798716 6402300 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001   | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal  | Silverbrook, Kia  |
| 09722088 Not Issued 100 09722141 Not Issued 61 09722147 Not Issued 61 09722147 Sey46672150 09722148 7064851 150 09722171 Gey27871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 G788293 150 09798135 Se47099 150 09798406 6612687 150 09798714 8712453 150 09798714 6712453 150 09798714 7021745 150 09798741 7021745 150 09798742 Sey8147 150 09798742 6428147 150 09798757 6460971 150   | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Nozzle Assembly Including A Fluidic Seal Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism Worden Stoutloop   | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722141 Not Issued 171 09722146 Not Issued 61 09722147 6948672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 95 09722174 Not Issued 95 09722175 6788293 150 09798135 6447099 150 09798416 612687 150 09798416 8416170 150 09798714 6712453 150 09798714 6712453 150 09798714 7021745 150 09798731 7021745 150 09798753 6412912 150 09798757 6460971 150 09798757 6460971 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001   | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Nozzle Assembly Including A Fluidic Seal Ink Jet Wotzle Assembly Including A Fluidic Seal Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator  | Silverbrook, Kia  |
| 09722088 Not Issued 100 09722141 Not Issued 171 09722147 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798408 6612687 150 09798408 6612687 150 09798714 6712453 150 09798716 6402300 150 09798716 6402300 150 0979873 6428147 150 09798757 6460971 150 09798757 640971 150 09807297 6902255 150   | 11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>11/25/2000<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001<br>03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Nozzle Assembly Including A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet With High Young'S Modulus Actuator Inkjet Printers Method Of Constructing Inkjet Printheads   | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722147 Not Issued 61 09722147 Not Issued 61 09722147 6946672150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722172 Not Issued 94 09722173 6788293 150 09798135 6447099 150 09798146 6612687 150 09798146 6416170 150 09798714 8712453 150 09798714 8712453 150 09798714 6912745 150 09798735 6442912 150 09798736 6402300 150 09798737 6460971 150 099807297 6902255 150 09807297 6902255 150 09835449 6547371 150   | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001 03/02/2001   | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printers Method Of Constructing Inkjet Printheads Inkjet Printheads  | Silverbrook, Kia  |
| 09722088 Not Issued 100 09722141 Not Issued 171 09722146 Not Issued 61 09722147 6948672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 95 09722174 Not Issued 95 09722174 Not Issued 95 09722175 6788293 150 09798135 6447099 150 09798135 6447099 150 09798141 68148170 150 09798714 6712453 150 09798716 6402300 150 09798717 17021745 150 09798737 17021745 150 09798753 6412912 150 09798757 640971 150 09807297 6902255 150 098035449 6547371 150 098035449 6547371 150 098035449 6547371 150 098035449 6547371 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet Wotzle Assembly Including A Fluidic Seal Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Inkjet Printers Method Of Constructing Inkjet Printheads Printheads Printheads  | Silverbrook, Kia  |
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| 09722088 Not Issued 100 09722147 Not Issued 171 09722146 Not Issued 61 09722147 6946672 150 09722147 6946672 150 09722174 6927871 150 09722172 Not Issued 95 09722172 Not Issued 95 09722173 Not Issued 94 09722175 6788293 150 09798135 6447099 150 09798136 6416170 150 09798146 6416170 150 09798714 6712453 150 09798714 6712453 150 09798714 6712453 150 09798715 6402300 150 09798716 6402300 150 09798737 640971 150 0998727 6902255 150 09807297 6902255 150 09807297 6902255 150 09835407 6598882 150 09835471 6918655 150 09835471 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09835771 6918655 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854715 6488358 150 09854825 6364461 150 09854825 6364461 150 09855093 6505912 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 05/04/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet Nozzle Assembly Including A Fluidic Seal Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printers Method Of Constructing Inkjet Printheads Inkjet Printheads Printhead And Ink Distribution System Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Operatus Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead With Nozzles Inkjet Printhead With Nozzles Inkjet Printhead With Nozles Inkjet Printhead With Nozles Inkjet Printhead With Nozles Ink Jet Printhead With Tapered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Printhead With Tapered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Ourl Outwards Mechanism Ink Jet Ourl Outwards Mechanism Ink Jet Nozzle Arrangement Shutter Ink Jet Shutter Ink Jet   | Silverbrook, Kia  |
| 09722088 Not Issued 100 09722141 Not Issued 171 09722146 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722147 6927871 150 09722173 6927871 150 09722174 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798146 6416170 150 09798174 6712453 150 09798174 6712453 150 09798716 640230 150 09798716 702230 150 09798757 6480971 150 09798757 6480971 150 09798757 6588882 150 09835476 6547371 150 09835476 659864 150 09835471 6918655 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 05/04/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Ink Jet Printing Mechanism Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet With Thin Nozzle Wall Ink Jet With High Young'S Modulus Actuator Ink jet With High Young'S Modulus Actuator Inkjet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printers Method Of Constructing Inkjet Printheads Inkjet Printhead And Ink Distribution System Inkjet Printhead And Ink Distribution System Inkjet Printhead Apparatus Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead With Mozzles Inkjet Printhead With Mozzles Ink Jet Printhead With Multiple Actuators Per Nozzle Ink Jet Printhead With Tapered Magnetic Actuators Ink Jet With Rotary Actuator Ink Jet Nozzle Arrangement Shutter Ink Jet Actuating Mechanism Which Includes A Thermal Bend Actuator  | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722141 Not Issued 171 09722146 Not Issued 61 09722147 6946672 150 09722147 6946672 150 09722147 6927871 150 09722172 Not Issued 95 09722173 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798408 6612687 150 09798714 70721745 150 09798716 6402300 150 09798716 402300 150 09798727 6902255 150 09798735 6447097 150 09798736 640971 150 09807297 6902255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150 09807297 690255 150   | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 04/16/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001                       | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet With Thin Nozzle Wall Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet With High Young'S Modulus Actuator Inkjet Printers Method Of Constructing Inkjet Printheads Inkjet Printhead Apparatus Inkjet Printhead Apparatus Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Apparatus Inkjet Printhead Apparatus Ink Jet Printhead With Nozzles Ink Jet Printhead With Tapered Magnetic Actuators Ink Jet Curl Outwards Mechanism Ink Jet Out Outwards Mechanism Ink Jet Out Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Printhead For An Ink Jet Printhead Having An Actuator Nozzle Arrangement Schutzer Tapered Magnetic Actuator Nozzle Arrangement Schutzer Tapered Magnetic Actuator Nozzle Arrangement For An Ink Jet Printhead Having An Actuator Mechanism That Incorporates Spring Movement   | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722141 Not Issued 71 09722148 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722171 6927871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 647099 150 09798136 647099 150 09798146 6416170 150 09798146 671255 150 09798716 6402300 150 09798716 7021745 150 09798736 640291 150 09798741 7021745 150 09798736 640971 150 09798736 640971 150 0989836436 65898964 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035471 6918655 150 098035707 Not Issued 161 098035707 Not Issued 161 098035707 6922557 150 098035471 6938899 150 | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 05/02/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Rim Ink Jet With Thin Nozzle Wall Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Inkjet Printers Method Of Constructing Inkjet Printheads Inkjet Printhead Of Constructing Inkjet Printheads Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead With Mithultiple Actuators Per Nozzle Ink Jet Printhead With Mithultiple Actuators Per Nozzle Ink Jet Printhead With Taperad Magnetic Actuators Ink Jet Printhead With Taperad Magnetic Actuators Ink Jet With Coiled Actuator Ink Jet Printhead With Taperad Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Printhead With Taperad Magnetic Actuators Ink Jet With Colled Actuator Ink Jet With Colled Actuator Ink Jet Printhead Mith Jet Printhead Having An Actuator Mechanism That Incorporates Spring Movement Ink Jet Printhead Incorporating Lateratery Displaceable Actuator Mechanism That Incorporates Spring Movement Ink Jet Printhead Incorporating Lateratery Displaceable Actuator Mechanisms   | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722147 Not Issued 171 09722146 Not Issued 61 09722147 6946672 150 09722148 7064851 150 09722147 6927871 150 09722173 6927871 150 09722174 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798135 6447099 150 09798146 6416170 150 09798174 6712453 150 09798716 640230 150 09798716 640230 150 09798757 6480971 150 09798757 6480971 150 09798757 6480971 150 09798757 6480971 150 09807297 6902255 150 09835449 6547371 150 09835449 6547371 150 09835471 6918655 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 04/16/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet With Thin Nozzle Wall Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet With High Young'S Modulus Actuator Inkjet Printers Method Of Constructing Inkjet Printheads Inkjet Printhead Apparatus Inkjet Printhead Apparatus Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Apparatus Inkjet Printhead Apparatus Ink Jet Printhead With Nozzles Ink Jet Printhead With Tapered Magnetic Actuators Ink Jet Curl Outwards Mechanism Ink Jet Out Outwards Mechanism Ink Jet Out Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Curl Outwards Mechanism Ink Jet Printhead For An Ink Jet Printhead Having An Actuator Nozzle Arrangement Schutzer Tapered Magnetic Actuator Nozzle Arrangement Schutzer Tapered Magnetic Actuator Nozzle Arrangement For An Ink Jet Printhead Having An Actuator Mechanism That Incorporates Spring Movement   | Silverbrook, Kia |
| 09722088 Not Issued 100 09722141 Not Issued 71 09722146 Not Issued 61 09722147 6946672 150 09722147 6946672 150 09722148 7064851 150 09722173 6927871 150 09722174 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798408 6612687 150 09798416 6416170 150 09798714 6712453 150 09798716 6402300 150 09798716 6402300 150 09798716 712453 150 09798727 6942307 150 0979873 6412912 150 09798741 7021745 150 09798757 6460971 150 09897277 6902255 150 09807297 6902255 150 09807297 6902255 150 09807297 6902255 150 09807297 6902255 150 09835471 6918655 150 09835472 6923526 150 09835473 691855 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09864374 644325 150 09864334 644325 150 09864378 6471336 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 05/14/2001 04/16/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/15/2001 05/25/2001   | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Olifferential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rism Ink Jet Nozzle Rism Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Inkjet Printhead Method Of Constructing Inkjet Printheads Inkjet Printhead And Ink Distribution System Inkjet Printhead With Nozzles Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead With Nozzles Ink Jet With Coiled Actuator Ink Jet With Rotary Actuator Nozzle Arrangement For An Ink Jet Printhead Having An Actuator Mechanism That Incorporates Spring Movement Ink Jet Printhead Incorporating Laterally Displaceable Actuator Mechanism Micro Electro-Mechanical System Which Includes A Thermal Bend Actuator Mechanism Mozzle Arrangement For An Ink Jet Printhead Incorporating A Lenear Spring Mechanism Nozzle Arrangement For An Ink Jet Printhead Rectanting Mechanism Nozzle Arrangement For An Ink Jet Printhead Rectanting Mechanism   | Silverbrook, Kia   |
| 09722088 Not Issued 100 09722147 Not Issued 171 09722146 Not Issued 61 09722147 6946672 150 09722147 6946672 150 09722147 6927871 150 09722173 6927871 150 09722172 Not Issued 95 09722174 Not Issued 41 09722175 678293 150 09798135 6447099 150 09798146 6416170 150 09798174 6712453 150 09798174 6712453 150 09798716 6402300 150 09798716 6402300 150 09798757 640971 150 09798757 640971 150 09807297 6902255 150 09835409 6547371 150 09835409 6547371 150 09835471 6918655 150 0985491 6483123 150 0985493 6505912 150 0985493 6505912 150 09864334 6457813 150 09864334 6457813 150 09864337 6378990 150 09864337 6378990 150 09864377 6378990 150 09864378 6471336 150 09864379 6814429 150   | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 05/04/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/15/2001 05/25/2001 05/25/2001 05/25/2001 05/25/2001                                  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Differential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rim Ink Jet Nozzle Rim Ink Jet Nozzle Rims Ink Jet Nozzle Rims Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet Vith Thin Nozzle Wall Ink Jet With High Young's Modulus Actuator Inkjet Printer Mechanism With Colinear Nozzle And Inlet Ink Jet With High Young's Modulus Actuator Inkjet Printer Mechanism Vith Colinear Nozzle And Inlet Inkjet Printers Method Of Constructing Inkjet Printheads Inkjet Printhead And Ink Distribution System Inkjet Printhead With Nozzles Inkjet Printhead With Tappered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet With Colled Actuator Ink Jet Printhead With Tappered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Printhead With Tappered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Printhead With Toppered Magnetic Actuators Ink Jet With Colled Actuator Ink Jet Printhead With Toppered Magnetic Actuators Ink Jet Printhead Mith Toppered Magnetic Actuators Ink Jet Printhead Incorporating A Incorporating A Linear Spring Mechanism Nozzle Arrangement For An Ink Jet Printhead Incorporating A Linear Spring Mechanism Nozzle Arrangement Tor An Ink Jet Printhead Incorporating A Reversible Actuator Mechanism | Silverbrook, Kia                                   |
| 09722088 Not Issued 100 09722141 Not Issued 71 09722146 Not Issued 61 09722147 6946672 150 09722147 6946672 150 09722148 7064851 150 09722173 6927871 150 09722174 Not Issued 95 09722174 Not Issued 41 09722175 6788293 150 09798408 6612687 150 09798416 6416170 150 09798714 6712453 150 09798716 6402300 150 09798716 6402300 150 09798716 712453 150 09798727 6942307 150 0979873 6412912 150 09798741 7021745 150 09798757 6460971 150 09897277 6902255 150 09807297 6902255 150 09807297 6902255 150 09807297 6902255 150 09807297 6902255 150 09835471 6918655 150 09835472 6923526 150 09835473 691855 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09835471 6918655 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09854703 691757 150 09864374 644325 150 09864334 644325 150 09864378 6471336 150  | 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 11/25/2000 03/02/2001 04/16/2001 04/16/2001 04/16/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/14/2001 05/15/2001 05/25/2001 05/25/2001 05/25/2001 05/25/2001  | Orientation Sensing Device Video Player With Code Sensor Automatic Consumables Ordering Viewer With Code Sensor And Printer Printer With Vacation Mode Apparatus For Interaction With A Network Computer System Code Sensor Attachment For Pen Method And System For Online Payments Method Of Using A Viewer With Code Sensor Ink Jet Mechanism With Thermoelastic Bend Actuator Having Conductive And Resistive Beams Moving Nozzle Ink Jet Printing Mechanism Olifferential Thermal Ink Jet Printing Mechanism Ink Jet Nozzle Rism Ink Jet Nozzle Rism Ink Jet Nozzle Assembly Including Meniscus Pinning Of A Fluidic Seal Ink Jet With Thin Nozzle Wall Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Ink Jet With High Young'S Modulus Actuator Inkjet Printhead Method Of Constructing Inkjet Printheads Inkjet Printhead And Ink Distribution System Inkjet Printhead With Nozzles Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead With Nozzles Inkjet Printhead Construction Inkjet Printhead Construction Inkjet Printhead With Nozzles Ink Jet With Coiled Actuator Ink Jet With Rotary Actuator Nozzle Arrangement For An Ink Jet Printhead Having An Actuator Mechanism That Incorporates Spring Movement Ink Jet Printhead Incorporating Laterally Displaceable Actuator Mechanism Micro Electro-Mechanical System Which Includes A Thermal Bend Actuator Mechanism Mozzle Arrangement For An Ink Jet Printhead Incorporating A Lenear Spring Mechanism Nozzle Arrangement For An Ink Jet Printhead Rectanting Mechanism Nozzle Arrangement For An Ink Jet Printhead Rectanting Mechanism   | Silverbrook, Kia   |

| 09874768 8412914 150 06/05/2001 Nozzle Arrangement For An Ink Jet Printhead That Includes A Hinged Actuator 09900159 8488359 150 07/09/2001 Ink Jet Printhead That Incorporates Through-Chip Ink Ejection Nozzle Arrangements  |   |
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| 09900159 6488359 150 07/09/2001 Ink Jet Printhead That Incorporates Through-Chip Ink Ejection Nozzle Arrangements  | Silverbrook, Kia<br>Silverbrook, Kia  |
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| 09942547 6412904 150 08/31/2001 Residue Removal From Nozzle Guard For Ink Jet Printhead  | Silverbrook, Kia  |
| 09942548 6625874 150 08/31/2001 A Method Of Making A Thermal Bend Actuator   | Silverbrook, Kia  |
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| 09942604 8508546 150 08/31/2001 Ink Supply Arrangement For A Portable Ink Jet Printer  | Silverbrook, Kia  |
| 09942605 6623108 150 08/31/2001 Inkjet Printhead Having Thermal Bend Actuator Heating Element Electrically Isolated From Nozzle Chamber Ink  | Silverbrook, Kia  |
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| 10040455 6557978 150 01/09/2002 Inkjet Device Encapsulated At The Wafer Scale  | Silverbrook, Kia  |
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| 10043295 Not Issued 168 01/14/2002 Accelerometer Protected By Caps Applied At The Wafer Scale  | Silverbrook, Kia  |
| 10043296 Not Issued 161 01/14/2002 Molding Assembly For Wafer Scale Molding Of Protective Caps   | Silverbrook, Kia  |
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| 10052400 6679582 150 01/23/2002 Flooded Nozzle Detection   | Silverbrook, Kia  |
| 10052448 6505913 150 01/23/2002 Nozzle Guard Alignment For Ink Jet Printhead   | Silverbrook, Kia  |
| 10052449 6733684 150 01/23/2002 Protection Of Nozzle Structures In An Ink Jet Printhead  | Silverbrook, Kia  |
| 0066621 6686528 150 02/06/2002 Compact Display Assembly  | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10102696 Not Issued 61 03/22/2002 Printer Assembly Having Flexible Ink Channel Extrusion 10102697 6742871 150 03/22/2002 Printhead Assembly Having Flexible Printed Circuit Board And Busbars  | Silverbrook, Kia  |
| 10102698 6644781150 03/22/2002 Printhead Assembly Having Printhead Modules in A Channel  | Silverbrook, Kia  |
| 10102699 6767076 150 03/22/2002 Printhead Assembly Capping Device  | Silverbrook, Kia  |
| 10102700 6692113 150 03/22/2002 Printhead Module Assembly  | Silverbrook, Kia  |
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| 10120345 5513908 150 04/12/2002 Pusher Actuation In A Printhead Chip For An Inkiet Printhead   | Silverbrook, Kia  |
| 10120346 6582059 150 04/12/2002 Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   10120347   6540332   150   04/12/2002   Motion Transmitting Structure For A Nozzle Arrangement Of A Printhead Chip For An Inkjet Printhead  |   |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   10120347   6540332   150   04/12/2002   Motion Transmitting Structure For A Nozzle Arrangement Of A Printhead Chip For An Inkjet Printhead   10120348   6857724   150   04/12/2002   Print Assembly For A Wide Format Pagewidth Printer   10120350   6652052   150   04/12/2002   Processing Of Images For High Volume Pagewidth Printing   10120350   10120348   10120348    | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   10120347   6540332   150   04/12/2002   Motion Transmitting Structure For A Nozzle Arrangement Of A Printhead Chip For An Inkjet Printhead   10120348   6857724   150   04/12/2002   Print Assembly For A Wide Format Pagewidth Printer   10120350   6652052   150   04/12/2002   Processing Of Images For High Volume Pagewidth Printing   10120351   6672706   150   04/12/2002   Wide Format Pagewidth Inkjet Printer   10120359   6688719   150   04/12/2002   Wide Format Pagewidth Inkjet Printer   10120359   6688719   150   04/12/2002   High Volume Pagewidth Printing   10120350   6879584   150   04/12/2002   High Volume Pagewidth Printing   10120350   10   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   10120347   6540332   150   04/12/2002   Motion Transmitting Structure For A Nozzle Arrangement Of A Printhead Chip For An Inkjet Printhead   10120348   6857724   150   04/12/2002   Print Assembly For A Wide Format Pagewidth Printer   10120350   6652052   150   04/12/2002   Processing Of Images For High Volume Pagewidth Printing   10120351   6672706   150   04/12/2002   Wide Format Pagewidth Inkjet Printer   10120359   6688719   150   04/12/2002   Wide Format Pagewidth Inkjet Printer   10120359   6688719   150   04/12/2002   High Volume Pagewidth Printing   10120350   6879584   150   04/12/2002   High Volume Pagewidth Printing   10120350   10   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia   |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia  |
| 10120346   6582059   150   04/12/2002   Discrete Air And Nozzle Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia   |
| 10120346   6582059   150   | Silverbrook, Kia  |
| 10120346   6582059   150   | Silverbrook, Kia   |
| 10120346   6582059   150   04/12/2002   Motion Transmitting Structure For A Nozzle Chambers In A Printhead Chip For An Inkjet Printhead  | Silverbrook, Kia  |
| 10120346   6582059   150   | Silverbrook, Kia  |
| 10120346   6582059   150   | Silverbrook, Kia                  |
| 10120346   6582059   150   04/12/2002   Motion Transmitting Structure For A Nozzle Chambers In A Printhead Chip For An Inkjet Printhead  | Silverbrook, Kia  |
| 10120346   6582059   150   | Silverbrook, Kia |

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|--------------------------|--------------------------------|-------|--------|---|---------------------------------------|
| Application#<br>10159626 | Patent#   Sta<br>6915140  150  |       |        |   | Inventor Name                         |
| 10159020                 |                                |       |        | Hand Held Mobile Phone With Integral Internal Printer With Print Media Supply Thermally Actuated Ink Jet Printing Mechanism Having A Series Of Thermal Actuator Units | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10171627                 |                                |       |        | Duplex Inkjet Printing System   | Silverbrook, Kia                      |
| 10171653                 |                                | 06/1  | 7/2002 | Printhead Chip  | Silverbrook, Kia                      |
| 10171654<br>10171986     |                                |       |        | Printer Transport Roller With Internal Drive Motor  | Silverbrook, Kia                      |
| 10171987                 |                                |       |        | Inert Gas Supply Arrangement For A Printer Printer Cartridge Including Machine Readable Ink   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10171988                 |                                |       |        | Nozzie Guard For An Inkjet Printhead  | Silverbrook, Kia                      |
| 10171989                 |                                |       |        | Nozzle Guard For A Printhead  | Silverbrook, Kia                      |
| 10172024<br>10173739     |                                |       |        | Laminated Ink Distribution Assembly For A Printer   | Silverbrook, Kia                      |
| 10176680                 |                                |       |        | Print Engine Controller For A Multi-Segment Printhead Photographic Prints Having Magnetically Recordable Media  | Silverbrook, Kia                      |
|                          | Not Issued 95                  |       |        | Printhead For Pen   | Silverbrook, Kia                      |
| 10183174                 |                                |       |        | Ink Jet Printhead Chip With Predetermined Micro-Electromechanical Systems Height  | Silverbrook, Kia                      |
| 10183175<br>10183182     |                                |       |        | Ink Jet Nozzle Assembly Including Displaceable Ink Pusher Ink Jet Nozzle Arrangement Configuration  | Silverbrook, Kia                      |
| 10183711                 |                                |       |        | Method Of Fabricating A Micro-Electromechanical Systems Device  | Silverbrook, Kia                      |
|                          | Not Issued 161                 |       |        | Application Of Binding Adhesive To Pages Passing Through A Printer  | Silverbrook, Kia                      |
| 10184883                 |                                |       |        | Fluid-Dispensing Chip   | Silverbrook, Kia                      |
| 10189459                 |                                |       |        | Drop Fining Control In Multicolor Ink Jet Printheads  | Silverbrook, Kia                      |
|                          | Not Issued 93<br>6752549 150   |       |        | Preprinted Print Rolls For Postal Use In An Image Processing Device Print Engine For A Modular Commercial Printer   | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | 7036918 150                    |       |        | Inkjet Cartridge Including Multiple Inks At Atmospheric Pressure  | Silverbrook, Kia                      |
| 10203560                 | Not Issued 71                  | 08/1  | 2/2002 | Consumable Authentication Protocol And System   | Silverbrook, Kia                      |
|                          | Not Issued 95                  |       |        | Unathonised Modification Of Values Stored In Flash Memory   | Silverbrook, Kia                      |
| 10204211<br>10250967     | 6659593 150<br>6923524 150     |       |        | Ink Jet Ejector Inkjet Device Encapsulated At The Wafer Scale   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10251885                 |                                |       |        | Printhead Assembly Having Printhead Modules In A Channel  | Silverbrook, Kia                      |
| 10258517                 | 6846692 150                    | 10/2  | 5/2002 | Method Of Fabricating Devices Incorporating Microelectromechanicl Systems Using Uv Curable Tapes  | Silverbrook, Kia                      |
| 10258518                 |                                |       |        | Thermal Bend Actuator   | Silverbrook, Kia                      |
| 10269998<br>10269999     |                                | 10/1  |        | Identifying Card Pagewidth Inkiet Printheads With Defect Tables   | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | 6805049 150                    |       |        | Drying Of An Image On Print Media In A Commercial Printer   | Silverbrook, Kia                      |
| 10270153                 | 6834932 150                    | 10/1  | 5/2002 | Nozzle Misalignment Compensation In A Drop On Demand Printhead  | Silverbrook, Kia                      |
| 10273840                 |                                |       |        | Fluid Supply Mechanism For A Printhead  | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10273842                 | Not Issued 93                  |       |        | Supply Mechanism For An Inkjet Printhead Print Engine Mechanism   | Silverbrook, Kia                      |
|                          | 6773874 150                    |       |        | Digital Print Media Output With Reduced Residual Curl   | Silverbrook, Kia                      |
| 10274119                 | 6957923 150                    | 10/2  | 1/2002 | Electronically Controllable Pen Device  | Silverbrook, Kia                      |
| 10274817                 |                                |       |        | Universal Pen With Code Sensor  | Silverbrook, Kia                      |
| 10291363                 | 6867880 150<br>Not Issued 99   |       |        | Method And System For Instruction Of A Computer Using Coded Marks Orientation Sensing Device For Use With Coded Marks   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10291374                 |                                |       |        | Method And System For Searching Information Using Sensor With Identifier  | Silverbrook, Kia                      |
| 10291379                 |                                |       |        | Business Card With Coded Marks As Electronic Mail Token   | Silverbrook, Kia                      |
| 10291400                 |                                |       |        | Printer For Accommodating Varying Page Thicknesses  | Silverbrook, Kia                      |
| 10291469<br>10291470     |                                |       |        | Orientation Sensing Device With Memory Method And System For Delivery Of Mail Using Coded Marks   | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | Not issued 71                  |       |        | Method And System For Online Purchasing Using Coded Marks   | Silverbrook, Kia                      |
| 10291472                 | 6652082 150                    | 11/1  | 2/2002 | Printhead Assembly For An Ink Jet Printer   | Silverbrook, Kia                      |
|                          | 6750944 150                    |       |        | Programmable Camera System With Software Interpreter  | Silverbrook, Kia                      |
| 10291481                 | Not Issued 71<br>7034953 150   |       |        | Method And System For Online Payments Using Processing Sensor  Method And System For Instruction Of A Computer Using Processing Sensor                                | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10291494                 |                                |       |        | Computer System Interface Surface With Processing Sensor  | Silverbrook, Kia                      |
| 10291503                 | 7041916 150                    | 11/12 | 2/2002 | Orientation Sensing Device With Processor   | Silverbrook, Kia                      |
|                          | Not Issued 61                  |       |        | Method And System For Online Payments Using Sensor With Identifier  | Silverbrook, Kia                      |
|                          | Not Issued 30<br>6850931 150   |       |        | Method And System For Conferencing Using Processing Sensor Method And System For Searching Information Using Coded Marks  | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | 6970264 150                    |       |        | Relay Device For Use With Processing Sensor   | Silverbrook, Kia                      |
| 10291516                 | 7004390 150                    | 11/12 | 2/2002 | Method And System For Collaborative Document Markup Using Sensor With Identifier  | Silverbrook, Kia                      |
|                          | 8718061 150                    |       |        | Method And System For Note Taking Using A Form With Coded Marks   | Silverbrook, Kia                      |
|                          | Not Issued 71<br>6987581 150   |       |        | Method And System For Online Purchasing Using Sensor With Identifier  Method And System For Instruction Of A Computer Using Sensor With Identifier                    | Silverbrook, Kia                      |
|                          | Not Issued 161                 |       |        | Method And System For User Registration Using Coded Marks   | Silverbrook, Kia                      |
| 10291522                 | Not Issued 71                  | 11/12 | 2/2002 | Method And System For Telephone Control Using Processing Sensor   | Silverbrook, Kia                      |
|                          | Not Issued 71                  |       |        | Method And System For Online Payments Using Coded Marks   | Silverbrook, Kia                      |
|                          | Not Issued 71<br>Not Issued 41 |       |        | Method And System For Capturing A Note-Taking Session Using Processing Sensor  Method And System For Telephone Control Using Coded Marks                              | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10291526                 | 6714878 150                    |       |        | Method And System For Note Taking Using Sensor With Identifier  | Silverbrook, Kia                      |
| 10291538                 | Not Issued 71                  | 11/1: | 2/2002 | Handwritten Text Capture Via Interface Surface And Processing Sensor  | Silverbrook, Kia                      |
|                          | Not Issued 94                  |       |        | Computer System Control Via Interface Surface And Processing Sensor   | Silverbrook, Kia<br>Silverbrook, Kia  |
| 10291542<br>10291543     | Not Issued 71<br>7057608 150   |       |        | Method And System For Collaborative Document Markup Using Coded Marks  Computer System Interface Surface With Reference Points And Coded Marks                        | Silverbrook, Kia                      |
| 10291544                 |                                |       |        | Computer System Control Via Interface Surface And Sensor With Identifier  | Silverbrook, Kia                      |
| 10291545                 | 6914593 150                    | 11/12 | 2/2002 | Computer System Control With User Data Via Interface Surface And Processing Sensor  | Silverbrook, Kia                      |
|                          | Not Issued 83                  |       |        | Computer System Control With User Data Via Interface And Sensor With Identifier   | Silverbrook, Kia                      |
| 10291547                 | 6982703 150<br>6975299 150     |       |        | Handwritten Text Capture Via Interface Surface Having Coded Marks  Computer System Control With User Data Via Interface Surface With Coded Marks                      | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | Not Issued 71                  |       |        | Method And System For Capturing A Note-Taking Session Using Sensor With Identifier  | Silverbrook, Kia                      |
| 10291554                 | 7068389 150                    | 11/1  | 2/2002 | Relay Device For Use With Sensor With Identifier  | Silverbrook, Kia                      |
|                          | Not Issued 30                  |       |        | Method And System For Conferencing Using Coded Marks  | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | Not Issued 71<br>6972864 150   |       |        | Method And System For User Registration Using Processing Sensor  Method And System For Delivery Of Mail Using Sensor With Identifier                                  | Silverbrook, Kia                      |
| 10291558                 |                                |       |        | Method And System For Composition And Delivery Of Electronic Mail Using Sensor With Identifier  | Silverbrook, Kia                      |
| 10291559                 | Not Issued 61                  | 11/1: | 2/2002 | Computer System Interface Surface With Reference Points And Sensor With Identifier  | Silverbrook, Kia                      |
| 10291561                 | 6998062 150                    |       |        | Method Of Fabricating An Ink Jet Nozzle Arrangement   | Silverbrook, Kia                      |
| 10291575                 |                                |       |        | Method And System For Delivery Of Mail Using Processing Sensor  Method And System For Delivery Of A Facsimile Using Sensor With Identifier                            | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          | Not Issued 41<br>6843420 150   |       |        | Method And System For Delivery Of A Facsimile Using Sensor With Identifier  Identity-Coded Surface With Reference Points And Coded Marks                              | Silverbrook, Kia                      |
| 10291579                 | 7015900 150                    | 11/1  |        | Hand-Drawing Capture Via Interface Surface And Sensor With Identifier   | Silverbrook, Kia                      |
| 10291584                 | 6839053 150                    | 11/1  | 2/2002 | Hand-Drawing Capture Via Interface Surface And Processing Sensor  | Silverbrook, Kia                      |
| 10291585                 |                                |       |        | Method And System For Searching Information Using Processing Sensor   | Silverbrook, Kia                      |
|                          | Not Issued 71<br>6989911 150   |       |        | Method And System For Telephone Control Using Sensor With Identifier Method And System For Delivery Of A Facsimile Using Coded Marks                                  | Silverbrook, Kia<br>Silverbrook, Kia  |
|                          |                                |       |        | Method And System For Note Taking Using Processing Sensor   | Silverbrook, Kia                      |
| 10291589                 | 6829387 150                    |       |        |   | Silverbrook, Kia                      |

| Application# Patent# Status                     |             |   | Inventor Name                        |
|---|-------------|---|--------------------------------------|
| 10291593 6609653 150                            |             | Business Card As Electronic Mail Token For Use With Processing Sensor   | Silverbrook, Kia                     |
|   |             | Mark-Coded Surface With Function Flags Method And System For Composition And Delivery Of Electronic Mail Using Processing Sensor                              | Silverbrook, Kia                     |
| 10291664 6651879 150                            | 11/12/2002  | Business Card As Electronic Mail Token For Use With Sensor Having An Identifier   | Silverbrook, Kia                     |
|   |             | Printhead Support Assembly  | Silverbrook, Kia                     |
|   |             | Method Of Assembling A Printhead Support Assembly   | Silverbrook, Kia                     |
|   |             | Ink Jet Printhead That Incorporates Through-Chip Ink Flow Control   | Silverbrook, Kia                     |
| 10291708 6644787 150                            | 11/12/2002  | ink Jet Printhead That Includes Coiled Actuators  | Silverbrook, Kia                     |
|   |             | Signature Capture Via Interface Surface And Sensor With Identifier  | Silverbrook, Kia                     |
|   |             | Signature Capture Via Interface Surface With Coded Marks  | Silverbrook, Kia                     |
|   |             | Computer System Interface Surface With Reference Points And Processing Sensor   | Silverbrook, Kia                     |
|   |             | Handwritten Text Capture Via Interface Surface And Sensor With Identifier   | Silverbrook, Kia                     |
|   |             | Computer System Control Via Interface Surface With Coded Marks Identity-Coded Surface With Coded Marks  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Relay Device For Use With Coded Marks   | Silverbrook, Kia                     |
|   |             | Method And System For Delivery Of A Facsimile Using Processing Sensor   | Silverbrook, Kia                     |
|   |             | Method And System For Composition And Delivery Of Electronic Mail With Coded Marks  | Silverbrook, Kia                     |
|   |             | Method And System For Collaborative Document Markup Using Processing Sensor   | Silverbrook, Kia                     |
|   | 11/12/2002  | Method And System For User Registration Using Sensor With Identifier  | Silverbrook, Kia                     |
| 10291822 Not Issued 71                          |             | Method And System For Capturing A Note-Taking Session Using Coded Marks   | Silverbrook, Kia                     |
|   |             | Sensing Device For Sensing Coded Marks  | Silverbrook, Kia                     |
|   |             | Signature Capture Via Interface Surface Using Processing Sensor   | Silverbrook, Kia                     |
| 10291825 Not Issued 30                          |             | Method And System For Online Purchasing Using Processing Sensor   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Hand-Drawing Capture Via Interface Surface Having Coded Marks   | Silverbrook, Kia                     |
|   |             | Nozzle Guard For An Ink Jet Printhead  Air Supply Arrangement For A Printer   | Silverbrook, Kia                     |
| 10296435 Not Issued 61                          |             | Method Of Manufacture Of An Ink Jet Printhead Having A Moving Nozzle With An Externally Arranged Actuator   | Silverbrook, Kia                     |
| 10296436 Not Issued 71                          |             | Method And Apparatus For Compensation For Time Varying Nozzle Misalignment In A Drop On Demand Printhead  | Sitverbrook, Kia                     |
|   |             | Rotating Platen Member  | Silverbrook, Kia                     |
| 10296522 Not Issued 30                          | 11/23/2002  | Print Engine/ Controller And Printhead Interface Chip Incorporating The Engine/Controller   | Silverbrook, Kia                     |
|   |             | Laminated Ink Distribution Assembly For A Printer   | Silverbrook, Kia                     |
|   |             | Paper Thickness Sensor In A Printer   | Silverbrook, Kia                     |
|   |             | Printhead Capping Arrangement   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Ink Jet Printhead Nozzle Array Fluidic Seal For An Ink Jet Nozzle Assembly  | Silverbrook, Kia                     |
| 10296536 6898358150                             | 08/01/2002  | Method Of Fabricating Devices Incorporating Microelectromechanical Systems Using At Least One Uv Curable Tape   | Silverbrook, Kia                     |
|   |             | Thermal Ink Jet Printhead With Suspended Beam Heater  | Silverbrook, Kia                     |
|   |             | Printhead Chip Having A Plurality Of Nozzle Arrangements That Each Incorporate A Motion Transmitting Structure  | Silverbrook, Kia                     |
| 10302276 6966111 150                            |             | Method Of Fabricating A Micro-Electromechanical Device Using Organic Sacrificial Layers   | Silverbrook, Kia                     |
|   | 11/23/2002  | Method And Apparatus For Fault Tolerant Storage Of Photographs  | Silverbrook, Kia                     |
|   |             | Ink Jet Printhead With Conformally Coated Heater  | Silverbrook, Kia                     |
|   |             | Closure Mechanism For A Printhead   | Silverbrook, Kia                     |
|   |             | Printhead Chip That Incorporates Covering Formations For Actuators Of The Printhead Chip  | Silverbrook, Kia                     |
|   |             | Thermal Ink Jet With Thin Nozzle Plate  | Silverbrook, Kia                     |
| 10302604 6787051 150                            | 11/23/2002  | Method Of Manufacturing A Micro-Electromechanical Fluid Ejecting Device Ink Ejection Mechanism Having A Thermal Actuator That Undergoes Rectilinear Motion    | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Ejection Of Ink Using Pulsating Pressure And A Movable Shutter  | Silverbrook, Kia                     |
|   |             | Thermal Ink Jet Printhead With Low Heater Mass  | Silverbrook, Kia                     |
| 10302618 6820967 150                            |             | Thermal Ink Jet Printhead With Heaters Formed From Low Atomic Number Elements   | Silverbrook, Kia                     |
|   |             | Stacked Heater Elements In A Thermal Ink Jet Printhead  | Silverbrook, Kia                     |
| 10302668 Not Issued 71                          | 11/23/2002  | Thermal Ink Jet With Chemical Vapor Deposited Nozzle Plate  | Silverbrook, Kia                     |
| 10302669 6692108 150                            |             | High Efficiency Thermal Ink Jet Printhead   | Silverbrook, Kia                     |
| 10303238 6874866 150                            |             | Ink Jet Nozzle Having An Actuator Mechanism With A Movable Member Controlled By Two Actuators   | Silverbrook, Kia                     |
| 10303291 6672708 150                            |             | Ink Jet Nozzle Having An Actuator Mechanism Located About An Ejection Port  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10303312 6669334 150<br>10303347 6767077 150    | 11/23/2002  | Thermal Ink Jet Printhead With Cavitation Gap  Ink Jet Printhead That Includes Nozzle-Clearing Mechanisms   | Silverbrook, Kia                     |
| 10303347 6767077 150<br>10303348 Not Issued 95  |             | Thermal Ink Jet Printhead With High Nozzle Areal Density  | Silverbrook, Kia                     |
| 10303349 6899415 150                            | 11/23/2002  |   | Silverbrook, Kia                     |
| 10303350 6733104 150                            | 11/23/2002  |   | Silverbrook, Kia                     |
| 10303351 6871937 150                            |             |   | Silverbrook, Kia                     |
| 10303352 6672709 150                            | 11/23/2002  | Self-Cooling Thermal Ink Jet Printhead  | Silverbrook, Kia                     |
| 10303433 6672710 150                            | 11/23/2002  |   | Silverbrook, Kia                     |
| 10307330 6666544 150                            |             |   | Silverbrook, Kia                     |
|   |             | Ink Jet Printhead With Moveable Shutters  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10307347 Not Issued 161                         | 12/02/2002  | Electronic Book With Scanner Ejecting Ink Using Shape Memory Alloys   | Silverbrook, Kia                     |
| 10307348 6764166 150<br>10307381 6644793 150    |             | Fluid Supply Arrangment For A Micro-Electromechanical Device  | Silverbrook, Kia                     |
| 10309024 Not Issued 95                          |             | Adhesive Applicator In A Page Printing & Binding Process  | Silverbrook, Kia                     |
| 10309025 Not Issued 71                          |             | Image Processor With Integrated Printing  | Silverbrook, Kia                     |
| 10309026 6830395 150                            | 12/04/2002  | User Interface With Integrated Printing   | Silverbrook, Kia                     |
| 10309036 Not Issued 41                          |             | Fluid Ejection Chip That Incorporates Wall-Mounted Actuators  | Silverbrook, Kia                     |
| 10309066 Not Issued 161                         |             | Universal Pen With Position Or Motion Sensing   | Silverbrook, Kia                     |
| 10309067 7018294 150                            |             | Entertainment Console With Integrated Printing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10309068 6910014 150                            |             | System For Playing Pre-Recorded Audio Encoded In Infra-Red Ink On A Card  Ink Jet Printhead Chip With Nozzle Arrangements Incorporating Spaced Actuating Arms | Silverbrook, Kia                     |
| 10309080 6682176 150<br>10309097 Not Issued 161 |             | Variable Size Inlets In Inkjet Printhead  | Silverbrook, Kia                     |
| 10309100 Not Issued 161                         |             | Annular Print Media Cartridge For A Printing Digital Camera   | Silverbrook, Kia                     |
| 10309185 Not Issued 71                          |             | Cartridge For An Electronic Pen   | Silverbrook, Kia                     |
| 10309186 Not Issued 80                          |             | Method Of Color Correcting A Sensed Image   | Silverbrook, Kia                     |
| 10309187 Not Issued 80                          | 12/04/2002  | Method Of Modifying A Sensed Image  | Silverbrook, Kia                     |
| 10309224 6672584 150                            |             | Vibrating Support Tray For A Page Binder  | Silverbrook, Kia                     |
| 10309227 Not Issued 100                         |             | Print Roll For Use In A Camera Imaging System   | Silverbrook, Kia                     |
| 10309229 7073551 150                            |             | Stack Pressing Apparatus With Integral Glue Dispenser   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10309241 6652090 150<br>10309242 6722758 150    |             | Recess Mountable Printing System Integrated Print Engine And Paper Movement System  | Silverbrook, Kia                     |
| 10309242 6722758 150                            |             | Method Of Assembly Of A Printhead With Modules In A Channel   | Silverbrook, Kia                     |
| 10322445 7076872 150                            |             | Binding Assembly For A Printer  | Silverbrook, Kia                     |
| 10322453 Not Issued 41                          |             | Method Of Image Enhancement   | Silverbrook, Kia                     |
| 10322687 6953235 150                            | 12/19/2002  | Printing Cartridge With A Data-Carrying Integrated Circuit Device   | Silverbrook, Kia                     |
| 10322698 Not Issued 30                          | 12/19/2002  | Utilization Of Color Transformation Effects In Photographs  | Silverbrook, Kia                     |
| 10326308 Not Issued 71                          | 12/23/2002  | Custom Garment Design And Fabric Printing System  | Silverbrook, Kia                     |
| 10394239 6841256 150                            |             | Printhead Chip That Incorporates Rectilinear Ink Ejection Components  | Silverbrook, Kia                     |
| <ul> <li>404040001 RPB38001460</li> </ul>       | JU3/31/2003 | Page Transfer   | Silverbrook, Kia                     |
| 10401982 6883890 150                            | 02/24/2000  |   |                                      |
| 10401987 6663225 150<br>10401988 6795651 150    |             | Fluid Ejecting Device Having A Laminated Thermal Bend Actuator  Camera With Detachable Printer  | Silverbrook, Kia                     |

| Application# Patent# Status<br>10402216 Not Issued 71 | ate Filed   Title<br>31/2003   Stackable Printer System  | · · · · · · · · · · · · · · · · · · ·  | Inventor Name                        |
|---|--|--|--------------------------------------|
| 10402216 Not Issued 71<br>10402217 6857726 150        | 31/2003   Stackable Printer System<br>31/2003   Printer Firing Sequence  | n  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10407207 Not Issued 71                                | 07/2003 Inkjet Printhead With High   |  | Silverbrook, Kia                     |
| 10407212 Not Issued 71                                | 07/2003 Inkjet Printhead With Ho   | flow Drop Ejection Chamber Formed Partly Of Actuator Material  | Silverbrook, Kia                     |
| 10409845 Not Issued 71<br>10409848 Not Issued 71      |  | or Object Identification And Interaction or Object Identification And Interaction                              | Silverbrook, Kia<br>Silverbrook, Kia |
| 10409876 Not Issued 71                                |  | or Object Identification And Interaction   | Silverbrook, Kia                     |
| 10421822 6723575 150                                  | 24/2003 Method Of Fabricating A  | Shape Memory Alloy Ink Jet Printing Mechanism  | Silverbrook, Kia                     |
| 10421823 6830316 150                                  |  | sm That Incorporates A Shape Memory Alloy  | Silverbrook, Kia                     |
| 10428823 Not Issued 167<br>10432956 6799853 150       | 05/2003 Single Wall Carbon Nan<br>29/2003 Data Projector With Inter  |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10451721 Not Issued 161                               | 23/2003 Digital Photo Album With   |  | Silverbrook, Kia                     |
| 10451722 Not Issued 20                                | 23/2003 Otoscope With Internal I   |  | Silverbrook, Kia                     |
| 10466059 6967354 150                                  | 10/2003 Light Emitting Semicond<br>10/2003 Wafer Scale Fiber Optic   |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10466060 6870259 150<br>10466072 6991207 150          | 10/2003 Water Scale Fiber Optic  |  | Silverbrook, Kia                     |
| 10466432 7056040 150                                  | 12/2003 Personal Digital Assistar  |  | Silverbrook, Kia                     |
| 10466433 Not Issued 30                                | 09/2004 Ophthalmoscope With Ir   |  | Silverbrook, Kia                     |
| 10466440 Not Issued 30<br>10466795 6837567 150        | 17/2003   Digital Photo Album Witi<br>17/2003   Nozzle Guard Alignment   | n Image Enhancement And Internal Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10470944 Not Issued 95                                | 05/2003 Protection Of Nozzle Str   |  | Silverbrook, Kia                     |
| 10470948 6969145 150                                  | 05/2003 Nozzle Guard For An Ini  | s Jet Printhead  | Silverbrook, Kia                     |
| 10472171 6834933 150                                  | 22/2003 Printhead Module Asser   |  | Silverbrook, Kia                     |
| 10472172 6966628 150<br>10472173 6969143 150          | 22/2003 Printhead Assembly Car<br>22/2003 Printhead Assembly Car   | ring Printhead Modules In A Channel  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10472174 7008044 150                                  |  | ring Flexible Printed Circuit Board And Busbars  | Silverbrook, Kia                     |
| 10472177 6866373 150                                  | 22/2003 Printer Assembly Having  |  | Silverbrook, Kia                     |
| 10473747 Not Issued 93                                | 02/2003 Cyclic Position Codes  | y For An Ink let Brinthand   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10485652 Not Issued 41<br>10485736 Not Issued 82      | 04/2004 Ink Distribution Assemble 04/2004 Printing Cartridge With T  | y For An Ink Jet Printhead wo Dimensional Code Indentification   | Silverbrook, Kia                     |
| 10485737 Not Issued 25                                | 04/2004 Image Printing Apparatu  |  | Silverbrook, Kis                     |
| 10485738 Not Issued 30                                | 04/2004 Image Sensing Apparate   | s Including A Microcontroller  | Silverbrook, Kia                     |
| 10485739 Not Issued 71                                | 04/2004 Printing Cartridge With E  |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10485740 Not Issued 60<br>10485744 Not Issued 30      | 04/2004 Printing Cartridge With A<br>04/2004 Printing Cartridge With F   |  | Silverbrook, Kia                     |
| 10485756 Not Issued 41                                | 04/2004 Printing Cartridge With S  | Switch Array Identification  | Silverbrook, Kia                     |
| 10485804 Not Issued 93                                | 04/2004 Printing Cartridge With C  |  | Silverbrook, Kia                     |
| 10485805 Not Issued 71<br>10487820 6986613 150        | 04/2004   Printing Cartridge With F<br>27/2004   Keyboard  | Pressure Sensor Array Identification   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10487821 Not Issued 93                                |  | Thermal Bend Actuator Heating Element Electrically Isolated From Nozzle Chamber Ink                            | Silverbrook, Kia                     |
| 10487822 Not Issued 89                                | 27/2004 Image Recordal And Ge  | neration Apparatus   | Silverbrook, Kia                     |
|   |  | Nozzle Guard For Ink Jet Printhead   | Silverbrook, Kia                     |
|   | 27/2004 Ink Supply Arrangement   | For A Printer zie Groups For An Ink Jet Printhead  | Silverbrook, Kia<br>Silverbrook, Kia |
|   | 27/2004 Printer Including Printhe  |  | Silverbrook, Kia                     |
| 10487827 6955414 150                                  | 27/2004 Inkjet Collimator  |  | Silverbrook, Kia                     |
|   | 27/2004 Ink Supply Arrangement   |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10487838 7070265 150<br>10487839 Not Issued 41        | 27/2004 Adhesive-Based Ink Jet<br>27/2004 Scanning Electronic Boo  |  | Silverbrook, Kia                     |
| 10502575 Not Issued 25                                |  | Searchable By A Handwritten Search Query   | Silverbrook, Kia                     |
|   | 28/2004 Compact Display Assem  |  | Silverbrook, Kia                     |
| 10503884 Not Issued 30<br>10503885 Not Issued 20      | 09/2004 Accessory For A Convey<br>09/2004 Printer For A Conveyand  |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503886 Not Issued 41                                | 09/2004 Manually Moveable Prin   |  | Silverbrook, Kia                     |
| 10503887 Not Issued 41                                | 09/2004 Printer With Capping De  | vice   | Silverbrook, Kia                     |
| 10503888 Not Issued 41                                |  | Speed With Power Supply Capacity   | Silverbrook, Kia                     |
| 10503889 Not Issued 30<br>10503890 Not Issued 41      | 09/2004 Accessory For A Convey   | rance Reprogrammable Modules, Controllers And Components   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503891 Not Issued 41                                | 09/2004 Speedstick Charging By   |  | Silverbrook, Kia                     |
| 10503897 Not Issued 30                                | 09/2004 Camera With Swipe Prin   | ter  | Silverbrook, Kia                     |
| 10503898 Not Issued 41                                | 09/2004 Pager With Built-In Print  | er   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503899 Not Issued 93<br>10503900 Not Issued 30      | 09/2004 Swipe Palm Computer<br>09/2004 Manually Operable Print   | er-Scanner   | Silverbrook, Kia                     |
| 10503901 Not Issued 95                                |  | g Stand For Mobile Communication Device Having An Internal Printer   | Silverbrook, Kia                     |
| 10503916 Not Issued 40                                | 09/2004 Compact Printer  | B. D. A. C. A. | Silverbrook, Kia                     |
| 10503917 Not Issued 20<br>10503918 Not Issued 30      | 09/2004 Receiver And Associate<br>09/2004 Camera And Associated  |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503919 Not Issued 71                                | 09/2004 Printer For Conveyance   |  | Silverbrook, Kia                     |
| 10503920 Not Issued 71                                | 09/2004 Digital Stamp  |  | Silverbrook, Kia                     |
| 10503921 Not Issued 30                                | 09/2004 Digital Stamp  |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503922 Not Issued 30<br>10503923 Not Issued 41      | 09/2004   Swipe Mouse<br>09/2004   Locality Information Retr   | rieval System  | Silverbrook, Kia                     |
| 10503924 Not Issued 41                                | 09/2004   Mobile Phone With Swip   | e Printer  | Silverbrook, Kia                     |
| 10503925 Not Issued 20                                |  | al And Base Station With Associated Printer  | Silverbrook, Kia                     |
| 10503927 Not Issued 25<br>10503928 Not Issued 30      | 09/2004 Car Entertainment System 109/2004 Car Management Syste |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10503929 Not Issued 41                                | 09/2004   Car Display Capture App  |  | Silverbrook, Kia                     |
| 10509997 Not Issued 160                               | 01/0001 Translation To Rotation  | Conversion In An Inkjet Printhead  | Silverbrook, Kia                     |
| 10509998 Not Issued 19                                |  | or High Volume Pagewidth Printing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10509999 Not Issued 19<br>10510000 Not Issued 160     | 01/0001   Wide Format Pagewidth<br>01/0001   Print Assembly For A W  |  | Silverbrook, Kia                     |
| 10510090 Not Issued 93                                | 05/2004 Telescope With Integral  | Printer  | Silverbrook, Kia                     |
| 10510092 Not Issued 30                                | 08/2004 Nozzle Guard For A Prin  | nthead   | Silverbrook, Kia                     |
| 10510093 Not Issued 41<br>10510094 Not Issued 160     | 05/2004 Ink Jet Nozzle Arrangen  | nent Configuration ing Magnetically Recordable Media   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10510094 Not Issued 160                               | 01/0001   Photographic Prints Hav  |  | Silverbrook, Kia                     |
| 10510096 Not Issued 41                                | 05/2004 Thermoelastic Inkjet Act   | uator With Head Conductive Pathways  | Silverbrook, Kia                     |
| 10510097 Not Issued 41                                |  | Ink Ejection Components For An Ink Jet Printhead Chip  | Silverbrook, Kia                     |
| 10510098 Not Issued 41<br>10510151 Not Issued 19      | 08/2004   Ink Jet Nozzle Assembly  | Including Displaceable Ink Pusher  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10510152 Not Issued 19                                |  | nnthead Chip For An Inkjet Printhead   | Silverbrook, Kia                     |
| 10510153 Not Issued 41                                | 05/2004 Motion Transmitting Stru   | cture For A Nozzle Arrangement Of A Printhead Chip For An Inkjet Printhead                                     | Silverbrook, Kia                     |
| 10510154 Not Issued 19                                |  | Chambers In A Printhead Chip For An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10510207 Not Issued 41<br>10534803 Not Issued 40      | 13/2004   Ink Jet Printhead Chip V   | With Predetermined Micro-Electromechanical Systems Height  onformally Coated Heater                            | Silverbrook, Kia                     |
|   |  |  |                                      |

|                                  |   | - ·                            |  |  | Investor No.                         |
|----------------------------------|---|--------------------------------|--|--|--------------------------------------|
|                                  | ication# Patent#  |                                |  |  | Inventor Name<br>Silverbrook, Kia    |
|                                  | 0534804 Not Issued<br>0534811 Not Issued  |                                |  | Thermal Ink Jet With Chemical Vapor Deposited Nozzle Plate Self-Cooling Thermal Ink Jet Printhead  | Silverbrook, Kia                     |
|                                  | 534812 Not Issued   |                                |  | Thermal Ink Jet Printhead With Cavitation Gap  | Silverbrook, Kia                     |
|                                  | 0534813 Not Issued  |                                |  | High Efficiency Thermal Ink Jet Printhead  | Silverbrook, Kia                     |
|                                  | 0534815 Not Issued<br>0534817 Not Issued  |                                |  | Thermal Ink Jet Printhead With Heaters Formed From Low Atomic Number Elements Thermal Ink Jet With Thin Nozzle Plate                                       | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0534823 Not Issued  |                                |  | Thermal Ink Jet With 11th Nozzle Plate Thermal Ink Jet Printhead With High Nozzle Areal Density  | Silverbrook, Kia                     |
|                                  | 534829 Not Issued   |                                | 05/13/2005   | Stacked Heater Elements In A Thermal Ink Jet Printhead   | Silverbrook, Kia                     |
|                                  | 534830 Not Issued   |                                |  | Thermal Ink Jet Printhead With Suspended Beam Heater   | Silverbrook, Kia                     |
|                                  | 0534881 Not Issued  |                                |  | Thermal Ink Jet Printhead With Symmetric Bubble Formation  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0534883 Not Issued<br>0542454 Not Issued  |                                |  | Thermal Ink Jet Printhead With Low Heater Mass Digitally Active 3-D Object Creation System   | Silverbrook, Kia                     |
|                                  | 0636188 6877834   |                                |  | Printer Ink Capping Mechanism  | Silverbrook, Kia                     |
|                                  | 0636189 Not Issued  |                                |  | Method Of Printing Using Pc And Printer  | Silverbrook, Kia                     |
|                                  | 0636190 7072076   |                                |  | Printing Method Using Pc Rendering   | Silverbrook, Kia                     |
|                                  | 0636192 Not Issued<br>0636193 7064867   |                                |  | Modifying Digital Images Utilizing Auto Focus Information Graphics Imaging Method  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636194 Not Issued  |                                |  | Video Gaming With Integral Printer Device  | Silverbrook, Kia                     |
|                                  | 0636195 6883910   |                                | 08/08/2003   | Cartridge For A Printing Device  | Silverbrook, Kia                     |
|                                  | 0636196 6918649   |                                |  | Pagewidth Printhead Assembly Including Capping Devices That Have Movement In Two Perpendicular Directions  | Silverbrook, Kia                     |
|                                  | 0636197 Not Issued  |                                |  | Coupling For An Elongate Member Having Internal Passageways  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636203 6984023<br>0636204 7001011  |                                |  | Micro-Electromechanical Displacement Device Ink Ejector Nozzle Chamber With Fluid Deflection   | Silverbrook, Kia                     |
|                                  | 0636205 6921153   |                                |  | Liquid Displacement Assembly Including A Fluidic Sealing Structure   | Silverbrook, Kia                     |
| 10                               | 0638206 Not Issued  | 61                             | 08/08/2003   | Fabricating An Inkjet Printhead With Grouped Nozzles   | Silverbrook, Kia                     |
|                                  | 0636207 6969139   |                                | 08/08/2003   | Drop Size Control For A Printer  | Silverbrook, Kia                     |
|                                  | 0636208 Not Issued<br>0636209 7021843   |                                |  | Manufacturing Inkjet Printheads With Large Numbers Of Nozzles  Modular Print Engine Controllers  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636209 7021843<br>0636210 7056038  |                                |  | Media Printer For Continuous Printing Of Different Documents   | Silverbrook, Kia                     |
| 10                               | 0636211 Not Issued  | 160                            | 08/08/2003   | Tracking Printing Ink Reservoir Volumes  | Silverbrook, Kia                     |
|                                  | 0636212 6851782   |                                |  | Method Of And Apparatus For Adjusting The Duration Of Printing Pulses  | Silverbrook, Kia                     |
|                                  | 0636213 6880929   |                                |  | Personal Digital Assistant With Integrated Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636214 Not Issued<br>0636215 6824245   |                                |  | Digital Photo Album With Image Modification And Internal Printing  Method Of Assembling A Printhead Assembly Comprised Of A Plurality Of Printhead Modules | Silverbrook, Kia                     |
|                                  | 0636216 Not Issued  |                                | 08/08/2003   | Image Processor Having An Application Specific Integrated Circuit For Camera Module  | Silverbrook, Kia                     |
| 10                               | 0636217 Not Issued  | 30                             | 08/08/2003_  | Image Processor With Enhacement Unit For Camera Module   | Silverbrook, Kia                     |
|                                  | 0636218 Not Issued  |                                |  | Method Of And Apparatus For Printing   | Silverbrook, Kia                     |
|                                  | 0636219 Not Issued<br>0636220 Not Issued  |                                |  | Device That Reads Data Encoded As Dots Audio Playback Device That Reads Data Encoded As Dots Of Infra-Red Ink  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636221 Not Issued  |                                |  | Data Storage On Photographs  | Silverbrook, Kia                     |
|                                  | 0636222 Not Issued  |                                |  | Method And Apparatus For Fault Tolerant Program And Data Storage On Photographs  | Silverbrook, Kia                     |
|                                  | 0636223 Not Issued  |                                |  | Digital Duplication Of Images Using Encoded Data   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636224 Not Issued<br>0636225 Not Issued  |                                |  | Correction Of Distortions In Digital Images Apparatus For Adding User-Supplied Text To A Digital Still Image   | Silverbrook, Kia                     |
|                                  | 0636227 Not Issued  |                                |  | Drop Size Control  | Silverbrook, Kia                     |
| 10                               | 0636228 7073881   | 150                            | 08/08/2003   | Temperature Control In Printheads Having Thermal Actuators   | Silverbrook, Kia                     |
|                                  | 0636229 7070251   |                                |  | Method Of Adjusting The Duration Of Printing Pulses  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636230 Not Issued<br>0636231 Not Issued  |                                |  | Adjusting Printing Parameters In Response To Printhead Feedback Dither Volume For Cell Location  | Silverbrook, Kia                     |
|                                  | 0636232 Not Issued  |                                |  | Effects Module For Manipulation Of An Image  | Silverbrook, Kia                     |
| 10                               | 0636233 Not Issued  | 30                             | 08/08/2003   | Pivotal Camera Module For Compact Printer System   | Silverbrook, Kia                     |
|                                  | 0636234 Not Issued  |                                |  | Camera Module With Flexible Circuit Board For Compact Printer System   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636235 7063404<br>0636236 6929351  |                                |  | Film For Use Between Two Objects Printhead Module With One Or More Resilient Mountings   | Silverbrook, Kia                     |
|                                  | 0636237 6860581   |                                | 08/08/2003   | Printhead Module With A Fluid Supply And Valve To Close The Fluid Supply   | Silverbrook, Kia                     |
| 10                               | 0636238 6966636   |                                |  | Elongate Printhead Assembly Including Multiple Fluid Supply Galleries  | Silverbrook, Kia                     |
|                                  | 0636239 6925935<br>0636240 6860664  |                                |  | Gas Supply To A Printhead Chip Printer With Printhead Close To The Media   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636240 6860664<br>0636241 Not Issued   |                                | 08/08/2003   | Pagewidth Printhead Assembly Including Capping Devices That Have Linear Movement   | Silverbrook, Kia                     |
|                                  | 0636242 6817700   |                                |  | Integral Print Head Module Adjustment System   | Silverbrook, Kia                     |
| 10                               | 0636243 6869172   | 150                            |  | Printhead Assembly Having Two Sets Of Fluid Inlets   | Silverbrook, Kia                     |
|                                  | 0636244 6926455   |                                | 08/08/2003   | Continuous Media Printer Including Memory For Buffering Pages  Fixative Drying Of Fluid Printed By An Inkjet Type Printer                                  | Silverbrook, Kia                     |
|                                  | 0636245 Not Issued<br>0636246 7024995   |                                |  | Continuous Media Printer With Downstream Drying  | Silverbrook, Kia                     |
|                                  | 0636247 Not Issued  |                                |  | Measuring The Volume Ink In Print Resersoir Of A Printer   | Silverbrook, Kia                     |
| 10                               | 0636249 6796651   | 150                            | 08/08/2003   | Ink Cartridge For An Inkjet Printer  | Silverbrook, Kia                     |
|                                  | 0636250 Not Issued  |                                |  | Capping Device For A Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636251 Not Issued<br>0636252 7057759   |                                | 08/08/2003   | Compact Image Processing System  Memory Configuration In A Printer That Simultaneously Prints On Both Surfaces Of A Sheet Of Print Media                   | Silverbrook, Kia                     |
|                                  | 0636253 7023567   |                                | 08/08/2003   | Compact Printer Module For An Imaging System   | Silverbrook, Kia                     |
| 10                               | 0636254 Not Issued  | 30                             | 08/08/2003   | Gender Changer Module With A Data And Power Bus  | Silverbrook, Kia                     |
|                                  | 0636255 6959981   |                                |  | Inkjet Printhead Nozzle Having Wall Actuator   | Silverbrook, Kia                     |
|                                  | 0636256 6959982<br>0636257 6997534  |                                |  | Flexible Wall Driven Inkjet Printhead Nozzle  Detecting Faults In A Micro Electro Mechanical Device Utilising A Single Current Pulse                       | Silverbrook, Kia                     |
| 10                               | 0636258 Not Issued  | 71                             | 08/08/2003   | Printhead With Overlapping Arrays Of Nozzles   | Silverbrook, Kia                     |
| 10                               | 0636259 6793974   | 150                            | 08/08/2003   | Selecting A Material For Use As The Expansive Element  | Silverbrook, Kia                     |
|                                  | 0636261 7057760   |                                |  | Printer Controller For A Colour Printer  Dither Volume With Multiple Thresholds For Each Cell  | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636264 6912067<br>0636265 Not Issued   |                                |  | Ink Temperature Control For Multiprinthead Printer   | Silverbrook, Kia                     |
| 10                               | 0636266 Not Issued  | 41                             | 08/08/2003   | Printing Oversize Dots In Images To Provide Printer Fault Tolerance  | Silverbrook, Kia                     |
| 10                               | 0636267 6843545   | 150                            | 08/08/2003   | Determining The Volume Of Ink In A Printer Reservoir   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                  | 0636268 Not Issued<br>0636269 Not Issued  |                                |  | Fluid Capping Mechanism  Method Of Processing A Stored Image   | Silverbrook, Kia                     |
|                                  | 0636270 Not Issued  |                                |  | Effects Module For A Compact Printer System  | Silverbrook, Kia                     |
|                                  | 0636271 6802594   |                                | 08/08/2003   | System For Aligning A Plurality Of Printhead Modules   | Silverbrook, Kia                     |
|                                  | 0636273 6802587   | 150                            |  | Micro Electro-Mechanical Device Having An Integrated Movement Sensor   | Silverbrook, Kia                     |
| 10                               | 0636274 Not Issued  |                                |  | Method Of Fabricating An Ink Jet Printhead  Media Cartridge For A Low Power Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10                               |   |                                |  | Device For Controlling The Taking Of Multiple Images   | Silverbrook, Kia                     |
| 10<br>10                         | 0636275 Not Issued  |                                | 08/08/2003   |  |                                      |
| 10<br>10<br>10<br>10             | 0636275 Not Issued<br>0636276 Not Issued<br>0636277 7077494                                       | 30<br>150                      | 08/08/2003   | Printer Having A Fluid Capping Mechanism   | Silverbrook, Kia                     |
| 10<br>10<br>10<br>10<br>10       | 0636275 Not Issued<br>0636276 Not Issued<br>0636277 7077494<br>0636278 6886917                    | 30<br>150<br>150               | 08/08/2003<br>08/08/2003                             | Printer Having A Fluid Capping Mechanism Inkjet Printhead Nozzle With Ribbed Wall Actuator   | Silverbrook, Kia                     |
| 10<br>10<br>10<br>10<br>10<br>10 | 0636275 Not Issued<br>0636276 Not Issued<br>0636277 7077494<br>0636278 6886917<br>0636279 7079286 | 30<br>150<br>150<br>150        | 08/08/2003<br>08/08/2003<br>08/08/2003               | Printer Having A Fluid Capping Mechanism Inkjet Printhead Nozzle With Ribbed Wall Actuator Method Of Graphics Imaging                                      | Silverbrook, Kia<br>Silverbrook, Kia |
| 10<br>10<br>10<br>10<br>10<br>10 | 0636275 Not Issued<br>0636276 Not Issued<br>0636277 7077494<br>0636278 6886917                    | 30<br>150<br>150<br>150<br>150 | 08/08/2003<br>08/08/2003<br>08/08/2003<br>08/08/2003 | Printer Having A Fluid Capping Mechanism Inkjet Printhead Nozzle With Ribbed Wall Actuator   | Silverbrook, Kia                     |

| [ A - 1] - 4] - 4] B-4 - 44 [ 4                |       | D.4. 5'4. 4 |   | 1                                    |
|--|-------|-------------|---|--------------------------------------|
| Application# Patent# 5<br>10636284 6783216 1   |       |             | Title Ink Supply Assembly For Supplying Ink To An Elongate Printhead  | Inventor Name<br>Silverbrook, Kia    |
| 10636285 Not Issued 3                          | 30    | 08/08/2003  | Method Of Processing Digital Image To Correct For Flash Effects   | Silverbrook, Kia                     |
| 10636286 6739701 1<br>10636287 7065247 1       |       |             | Modular Printhead Mounting  | Silverbrook, Kia                     |
| 10636287 7065247 1<br>10636288 Not Issued 2    |       |             | Apparatus For And Method Of Graphics Imaging Dither Volume With Three Thresholds For Each Cell Location   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10637640 6969473 1                             | 150   | 08/11/2003  | Manufacturing A Liquid Ejection Device  | Silverbrook, Kia                     |
| 10637679 7007859 1<br>10637680 6827425 1       |       |             | Method Of Operating A Liquid Ejection Device Liquid Ejection Device   | Silverbrook, Kia                     |
| 10642234 6808253 1                             |       |             | Operating A Page Width Ink Jet Printhead  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10642331 Not Issued 3                          | 90    | 08/18/2003  | Cascading Image Modification Using Multiple Digital Cameras Incorporating Image Processing  | Silverbrook, Kia                     |
| 10642337 6827428 1<br>10642338 6851667 1       |       |             | Operating A Page Width Printhead To Print An Image  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10642341 6830243 1                             |       |             | Page Stacking And Binding Mechanism System For Printing, Stacking And Binding Pages   | Silverbrook, Kia                     |
| 10643884 7073713 1                             | 150   | 08/20/2003  | Card Having Coded Data And Visible Information, For Operating A Device  | Silverbrook, Kia                     |
| 10644008 6948661 1<br>10656281 Not Issued 3    |       |             | Data Structure Encoded On A Surface Of An Object Image Processing Apparatus For Applying Effects To A Stored Image  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10656469 Not Issued 4                          |       |             | Method Of Capturing And Processing Sensed Images  | Silverbrook, Kia                     |
| 10656791 Not Issued 3                          | 30    | 09/08/2003  | Image Sensing And Printing Device   | Silverbrook, Kia                     |
| 10659013 7027177 1<br>10659014 7055927 1       |       |             | Digital Printing System  Method Of Identifying Printing Cartridge Characteristics With Capacitive Sensors   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10659015 7052103 1                             |       |             | Printing Device For Use With A Printing Cartridge Having Capacitive Sensor Identification   | Silverbrook, Kia                     |
| 10659017 7061644 1                             |       |             | Pagewidth Printhead Controller Circuit  | Silverbrook, Kia                     |
| 10659018 7064873 1<br>10659019 Not Issued 9    |       |             | Integrated Circuit High Data Rate Printer Architecture And Method Of Printing Using Same  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10659021 6969150 1                             | 150   |             | Modular Pagewidth Printhead Having Replaceable Printhead Modules  | Silverbrook, Kia                     |
| 10659022 Not Issued 9                          |       |             | Handheld Mobile Communications Device With A Detachable Printing Mechanism  | Silverbrook, Kia                     |
| 10659023 Not Issued 7<br>10659024 6914686 1    |       |             | Handheld Mobile Communications Device With Integral Internal Printer Handheld Mobile Communications Device With A Color Image Sensor And A Color Printer                          | Silverbrook, Kia<br>Silverbrook, Kia |
| 10659025 Not Issued 9                          | 94    | 09/11/2003  | Hand Held Mobile Communications Device With An Image Sensor And A Printer   | Silverbrook, Kia                     |
| 10659026 Not Issued 9                          |       |             | Interactive Publication Printer And Binder Combined Binder  | Silverbrook, Kia                     |
| 10659027 Not Issued 9<br>10659028 Not Issued 1 |       |             | Combined Printer And Binder Integrated Circuit For Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10659029 6954276 1                             | 150   | 09/11/2003  | Printer Controller Circuit  | Silverbrook, Kia                     |
| 10659030 6986562 1<br>10666020 6786661 1       |       |             | Printing Cartridge With Capacitive Sensors For Identification Of Characteristics  Keyboard That Incorporates A Printing Mechanism   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10666119 6808325 1                             |       |             | Keyboard That Incorporates A Printing Mechanism  Keyboard With An Internal Printer  | Silverbrook, Kia                     |
| 10666124 Not Issued 3                          | 30    | 09/22/2003  | System And Method For Forming A Multiply Manipulated Image  | Silverbrook, Kia                     |
| 10666260 6805435 1<br>10666265 6733116 1       |       |             | Printhead Assembly With An Ink Distribution Arrangement Ink Jet Printer With Print Roll And Printhead Assemblies  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10666269 6786043 1                             |       |             | Integrated Circuit Fluid Ejection Device  | Silverbrook, Kia                     |
| 10666495 Not Issued 3                          |       |             | Camera Control Print Medium   | Silverbrook, Kia                     |
| 10667175 6860107 1<br>10667180 6792754 1       |       |             | Integrated Circuit Device Having Electrothermal Actuators Integrated Circuit Device For Fluid Ejection  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10676026 7007852 1                             |       |             | Data Distribution Mechanism In The Form Of Ink Dots On Cards  | Silverbrook, Kia                     |
| 10676044 6918542 1                             |       |             | Data Distribution Mechanism In The Form Of Ink Dots On Cards  | Silverbrook, Kia                     |
| 10683006 Not Issued 3<br>10683041 Not Issued 8 |       |             | Monolithic Integrated Circuit With A Printhead Interface Inkjet Printhead With Short Nozzle   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10683064 Not Issued 7                          | 71    | 10/14/2003  | Monolithic Inkjet Printhead With High Nozzle Count  | Silverbrook, Kia                     |
| 10683152 6863378 1<br>10683197 Not Issued 3    |       |             | Inkjet Printer Having Enclosed Actuators  Monolithic Integrated Circuit Having A Number Of Programmable Processing Elements   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10683217 Not issued 3                          |       |             | Integrated Circuit For A Digital Camera System  | Silverbrook, Kia                     |
| 10685440 7001007 1                             | 150   | 10/16/2003  | Method Of Ejecting Liquid From A Micro-Electromechanical Device   | Silverbrook, Kia                     |
| 10685455 Not Issued 9<br>10685500 7052114 1    |       |             | Method And System For Submitting Bids Using Coded Forms Fabrication Of A Printhead Chip Incorporating A Plurality Of Nozzle Arrangements  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10685523 Not Issued 3                          | 30    |             | Method And System For Banking Using Coded Forms   | Silverbrook, Kia                     |
| 10685583 Not Issued 3                          |       |             | Method And System For Banking Coded Self-Identifying Forms  | Silverbrook, Kia                     |
| 10685584 Not Issued 3<br>10693869 Not Issued 7 |       |             | Method And System For Submitting Bids Using Coded Self-Identifying Forms Inkiet Printer Incorporating An Ink Transfer Roller  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10693884 6820974 1                             |       | 10/28/2003  | Inkjet Printer Incorporating A Media Tray Assembly  | Silverbrook, Kia                     |
| 10693947 6783217 1                             |       |             | Micro-Electromechanical Valve Assembly  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10693948 6776476 1<br>10693977 7067067 1       |       |             | Ink Jet Printhead Chip With Active And Passive Nozzle Chamber Structures  Method Of Fabricating An Ink Jet Printhead Chip With Active And Passive Nozzle Chamber Structures       | Silverbrook, Kia                     |
| 10693978 Not Issued 7                          | 11    | 10/28/2003  | Method Of Fabricating An Inkjet Printhead Chip For Use With A Pulsating Pressure Ink Supply   | Silverbrook, Kia                     |
| 10693990 6929352 1                             |       |             | Inkjet Printhead Chip For Use With A Pulsating Pressure Ink Supply  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10698360 6927786 1<br>10698374 Not Issued 7    |       |             | Ink Jet Nozzle With Thermally Operable Linear Expansion Actuation Mechanism Ink Jet With Narrow Chamber   | Silverbrook, Kia                     |
| 10698412 6935724 1                             | 150   | 11/03/2003  | Ink Jet Nozzle Having Actuator With Anchor Positioned Between Nozzle Chamber And Actuator Connection Point  | Silverbrook, Kia                     |
| 10703480 6899420 1<br>10703666 6918665 1       |       |             | Printing System With Compact Print Engine Printing System With Compact Transfer Roller  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10713057 6918647 1                             |       |             | Inkjet Printhead Assembly Having A Rotary Platen Assembly   | Silverbrook, Kia                     |
| 10713058 Not Issued 9                          | 93    | 11/17/2003  | Print Media Cartridge With Integral Print Media Transport Mechanism   | Silverbrook, Kia                     |
| 10713059 6786573 1<br>10713060 Not Issued 9    |       |             | Thermal Bend Actuator And Control Circuitry For A Micro-Electromechanical Device<br>Ink Jet Printer That Incorporates An Ink Distribution Assembly                                | Silverbrook, Kia<br>Silverbrook, Kia |
| 10713061 6857728 1                             | 150   | 11/17/2003  | Pagewidth Printhead Chip Having Symmetrically Actuated Fluid Ejection Components  | Silverbrook, Kia                     |
| 10713062 6857729 1                             | 150   | 11/17/2003  | Micro-Electromechanical Drive Mechanism   | Silverbrook, Kia                     |
| 10713063 6799835 1<br>10713064 7048352 1       |       |             | Inkjet Printhead Chip Having Drive Circuitry For Pre-Heating Ink Printhead Supporting Shell   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10713065 6984021 1                             | 150   | 11/17/2003  | Laminated Support Structure For Silicon Printhead Modules   | Silverbrook, Kia                     |
| 10713066 6969144 1<br>10713067 6942319 1       |       |             | Printhead Capping Mechanism With Rotary Platen Assembly Stable Printhead Assembly   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10713068 6984016 1                             |       |             | Stable Printhead Assembly Self-Cleaning Inkjet Printhead Assembly   | Silverbrook, Kia                     |
| 10713069 6857730 1                             | 150   | 11/17/2003  | Micro-Electromechanical Fluid Ejection Device That Utilizes Rectilinear Actuation   | Silverbrook, Kia                     |
| 10713070 6834939 1<br>10713071 6880918 1       |       |             | Micro-Electromechanical Device That Incorporates Covering Formations For Actuators Of The Device Micro-Electromechanical Device That Incorporates A Motion-Transmitting Structure | Silverbrook, Kia                     |
| 10713071 68809161                              |       |             | Micro-Electromechanical Assembly That Incorporates A Moulding Formation For A Micro-Electromechanical Device  | Silverbrook, Kia                     |
| 10713073 Not Issued 9                          | 94    | 11/17/2003  | Method Of Fabricating An Inkjet Printhead Chip Having Laminated Actuators   | Silverbrook, Kia                     |
| 10713074 6802592 1<br>10713076 6869167 1       |       |             | Manually Aligned Printhead Modules Supporting Structure For A Pagewidth Printhead   | Silverbrook, KiaSilverbrook, Kia     |
| 10713076 6789881 1                             |       |             | Manually Aligned Printhead Modules  | Silverbrook, Kia                     |
| 10713084 7066574 1                             | 150   | 11/17/2003  | Micro-Electromechanical Device Having A Laminated Thermal Bend Actuator   | Silverbrook, Kia                     |
| 10713085 6854827 1<br>10713086 6863365 1       |       |             | Printer And Printhead With Active Debris Prevention Thermoelastic Inkjet Actuator With Heat Conductive Pathways   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10713087 6984022 1                             | 150   | 11/17/2003  | Support Structure With Alternating Segments   | Silverbrook, Kia                     |
| 10713088 6827427 1                             |       |             | Core For Pagewidth Printhead  | Silverbrook, Kia                     |
| 10713089 6799836 1                             | ıou _ | 11/1//2003  | Printhead Assembly With Core And Shell  | Silverbrook, Kia                     |

| Applications<br>10713090      | W D-4 C4-4   | D-4- 511-4  |   | Inventor Name  |
|-------------------------------|--|-------------|---|--|
|                               | <del></del>  | Date Filed  |   | Inventor Name<br>Silverbrook, Kia                        |
| 10713092                      |  | 11/17/2003  | Pagewidth Printhead Assembly Inkiet Pagewidth Printer For High Volume Pagewidth Printing  | Silverbrook, Kia   |
| 10713093                      | 3 7008046 150  | 11/17/2003  | Micro-Electromechanical Liquid Ejection Device  | Silverbrook, Kia   |
|                               | 4 Not Issued 95  | 11/17/2003  | Print Engine Controller For High Volume Pagewidth Printing  | Silverbrook, Kia   |
|                               | 5 6840600 150<br>7 Not Issued 71                         | 12/02/2003  | Fluid Ejection Device That Incorporates Covering Formations For Actuators Of The Fluid Ejection Device<br>Stitching Of Integrated Circuit Components Using Overlapping Reticle Fields | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 9 Not Issued 41  | 12/08/2003  | Heat Dissipation Within Thermal Ink Jet Printhead   | Silverbrook, Kia   |
|                               | 0 Not Issued 71  | 12/08/2003  | Thermal Ink Jet Printhead With Heater Elements Supported By Electrodes  | Silverbrook, Kia   |
|                               | 1 6845978 150  |             | Page Binder With Air Cushion And Non-Contact Adhesive Applicator  | Silverbrook, Kia   |
| 10728782                      |  | 12/08/2003  | Page Binder With Two Part Adhesive Applicator Inkjet Printhead With Non-Uniform Width Ink Supply Passage To Nozzle  | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 3 Not issued 161<br>4 Not issued 160                     | 12/08/2003  | Inkjet Printlead With NotPortillorin Wilds this Supply Passage To Nozzle Etched From Opposing Sides Of Wafer  | Silverbrook, Kia   |
|                               | 0 Not Issued 41  | 12/08/2003  | Ink Jet Printhead With Circular Cross Section Chamber   | Silverbrook, Kia   |
| 1072879                       |  |             | Thermoelastic Inkjet Actuator With Heat Conductive Pathways   | Silverbrook, Kia   |
| 10728790                      | 6 6966633 150<br>7 Not Issued 71                         |             | Ink Jet Printhead Chip Having An Actuator Mechanisms Located About Ejection Ports Thermal Expansion Relieving Support For Printhead Assembly  | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 8 6979599 150  |             | Chip With Molded Cap Array  | Silverbrook, Kia   |
| 10728799                      |  |             | Molded Wafer Scale Cap  | Silverbrook, Kia   |
| 1072880                       |  |             | Wafer Scale Caps Located By Molding   | Silverbrook, Kia   |
| 1072880                       |  |             | Composite Support Beam For Printhead Assembly Thermal Ink Jet Printhead With Low Resistance Electrodes For Heaters  | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 3 Not Issued 71<br>4 Not Issued 71                       |             | Thermal Ink Jet Printhead With Short Heater To Nozzle Aperture Distance   | Silverbrook, Kia   |
|                               | 5 Not Issued 95  |             | Thermal Expansion Compensation For Printhead Assembly   | Silverbrook, Kia   |
|                               | 6 Not Issued 93  |             | Low Voltage Thermal Ink Jet Printhead   | Silverbrook, Kia   |
|                               | Not Issued 93  |             | Two Part Mold For Wafer Scale Caps  | Silverbrook, Kia   |
| 10728809                      |  |             | Page Binder With Adhesive Applicator For Gluing Trailing Edge Of Pages Ink Jet Printhead With Low Mass Displacement Nozzle  | Silverbrook, Kia   |
| 1072884                       |  | 12/08/2003  | Inkjet Printhead With Ink Supply Passage Formed From Both Sides Of The Wafer By Overlapping Etches  | Silverbrook, Kia   |
| 1072888                       | Not Issued 93  | 12/08/2003  | Thermal Ink Jet Printhead With Bubble Collapse Point Close To Nozzle Aperture   | Silverbrook, Kia   |
| 1072888                       |  | 12/08/2003  | Micro-Electromechanical Fluid Ejection Device Having Nozzle Chambers With Diverging Walls Micor-Electromechanical Fluid Ejection Device Having A Nozzle Guard                         | Silverbrook, Kia<br>Silverbrook, Kia                     |
| 1072888                       |  | 12/08/2003  | Micro-Electromechanical Fluid Ejection Device Having A Nozzie Guard  Micro-Electromechanical Fluid Ejection Device Having A Chamber That Is Volumetrically Altered For Fluid Ejection | Silverbrook, Kia   |
| 1072892                       | 1 6969153 150  | 12/08/2003  | Micro-Electromechanical Fluid Ejection Device Having Actuator Mechanisms Located About Ejection Ports   | Silverbrook, Kia   |
| 1072892                       | 2 6997545 150  | 12/08/2003_ | Printhead Assembly Incorporating A Channel Member   | Silverbrook, Kia<br>Silverbrook, Kia                     |
| 1072892                       | 7026176 150<br>24 Not Issued 164                         | 12/08/2003  | Mold Making Method For Wafer Scale Caps  Method Of Fabricating An Ink Jet Printhead Chip Having Actuator Mechanisms Located About Ejection Ports                                      | Silverbrook, Kia   |
| 1072892                       |  |             | Inkjet Printhead With Ink Chamber Inlet Etched Into Wafer   | Silverbrook, Kia   |
| 1072892                       |  |             | Ink Distribution Assembly   | Silverbrook, Kia   |
| 1072892                       |  |             | Chips With Wafer Scale Caps Formed By Molding   | Silverbrook, Kia   |
| 1072893                       |  |             | Molded Wafer Scale Cap Array Printhead Assembly Incorporating One Or More Printhead Modules   | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 35 Not Issued 93<br>36 6984080 150                       |             | Laminated Distribution Structure  | Silverbrook, Kia   |
|                               | 4 Not Issued 100   | 12/08/2003  | Method Of Fabricating A Fluid Ejection Device Using A Planarizing Step  | Silverbrook, Kia   |
|                               | 6918652 150  | 12/08/2003  | Printhead Assembly Incorporating Micromoldings  | Silverbrook, Kia   |
|                               | 52 Not Issued 71   |             | Very High Efficiency Thermal Ink Jet Printhead  | Silverbrook, Kia<br>Silverbrook, Kia                     |
| 1072896                       | 68 6988840 150<br>69 6832828 150                         | 12/08/2003  | Printhead Chassis Assembly Micro-Electromechanical Fluid Ejection Device With Control Logic Circuttry   | Silverbrook, Kia   |
|                               | O Not Issued 41  | 12/08/2003  | Ink Jet Printhead With Amorphous Ceramic Chamber  | Silverbrook, Kia   |
| 1072897                       | 71 6860590 150   |             | Printhead Configuration Incorporating A Nozzle Arrangement Layout   | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 35 Not Issued 71   |             | Placement Tool For Wafer Scale Caps Printhead Assembly Incorporating An Elastomeric Feed Member   | Silverbrook, Kia   |
|                               | 04 6971734 150<br>31 6905620 150                         | 12/08/2003  | Method Of Fabricating A Micro-Electromechanical Device Having A Laminated Actuator  | Silverbrook, Kia   |
|                               | 7 Not Issued 95  |             | Camera For Printing Manipulated Images On Media   | Silverbrook, Kia   |
|                               | 8 Not Issued 30  |             | Camera For Printing Manipulated Images  | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 99 Not Issued 95   | 12/08/2003  | Camera For Printing On Media Provided On Print Roll Printheead Re-Capping Assembly For A Print And Demand Digital Camera System   | Silverbrook, Kia   |
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|                               | 57 Not Issued 30   | 12/08/2003  | Printhead Assembly For A Print On Demand Digital Camera System  | Silverbrook, Kia   |
|                               | 59 Not Issued 30   |             | Camera And Controlling Processing System  | Silverbrook, Kia   |
|                               | 14 6860479 150   |             | Page Binding Apparatus Interactive Paper Publisher  | Silverbrook, Kia   |
|                               | 71 Not Issued 71<br>59 6916082 150                       | 12/24/2003  | Printing Mechanism For A Wide Format Pagewidth Inkjet Printer   | Silverbrook, Kia   |
| 1075333                       | 32 Not Issued 41   | 01/09/2004  | Printing System Incorporating Different Material Curing Methods   | Silverbrook, Kia   |
| 1075338                       | 39 Not Issued 90   | 01/09/2004  | 3-D Object Creation System Employing Voxels   | Silverbrook, Kia   |
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| 1075342                       | 21 Not Issued 83   | 01/09/2004  | 3-D Product Printing System With A Foreign Object Incorporation Facility  | Silverbrook, Kia   |
| 1075343                       | 39 Not Issued 93   |             | Dynamically Configured 3-D Object Creation System   | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 40 Not issued 71   |             | 3-D Product Printing System  Camera With Text-Based Image Manipulation  | Silverbrook, Kia   |
|                               | 58 Not Issued 30<br>75 Not Issued 20                     | 01/09/2004  | Dynamically Configured 3-D Object Creation System With Built-In Printhead Failure Correction Mechanism  | Silverbrook, Kia   |
| 1075347                       | 77 6786570 150   | 01/09/2004  | Ink Supply Arrangement For A Printing Mechanism Of A Wide Format Pagewidth Inkjet Printer   | Silverbrook, Kia   |
| 1075347                       | 78 Not Issued 20   | 01/09/2004  | Image Processing Apparatus For A Printing Mechanism Of A Wide Format Pagewidth Inkjet Printer   | Silverbrook, Kia<br>Silverbrook, Kia                     |
|                               | 79 6848780 150   |             | Printing Mechanism For A Wide Format Pagewidth Inkjet Printer  3-D Object Creation System Using Multiple Materials In Multiple Layers   | Silverbrook, Kia   |
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| 1075349                       | 99 Not Issued 30   | 01/09/2004  | A 3-D Object Creation System Incorporating Semiconductor Memory   | Silverbrook, Kia   |
| 1075363                       | 36 6997698 150   |             | Method For Creating A 3-D Object  | Silverbrook, Kia   |
|                               | 43 Not issued 40   |             | Printed Product Incorporating Inorganic Semiconductors  Method And System For Searching Classified Advertising  | Silverbrook, Kia   |
|                               | 00 Not Issued 80<br>80 Not Issued 30                     |             | Digital Photofinishing System   | Sitverbrook, Kia   |
| 1076018                       | 81 Not Issued 95   | 01/21/2004  | Printed Circuit Board With Spring Action  | Silverbrook, Kia   |
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| 1076018                       | 83 7077504 150   | 01/21/2004  | Printhead Assembly With Loaded Electrical Connections Inkjet Printer Cartridge Refill Dispenser System With Variably Positioned Outlets   | Silverbrook, Kia   |
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| 1076018                       | 87 Not Issued 95   | 01/21/2004  | Printhead Module With Laminated Fluid Distribution Stack  | Silverbrook, Kia<br>Silverbrook, Kia                     |
| 1313010                       | 88 7080894 150   | 01/21/2004  | Method Of Assembling Printhead Module Printhead Assembly With Dual Power Input  | Silverbrook, Kia   |
| 1076018                       |  |             | (Filipipay Assembly VVIII) Dual Fower input   |  |
| 1076018<br>1076018            | 89 Not Issued 20<br>90 Not Issued 71                     | 01/21/2004  | Printhead Assembly Relatively Free From Environmental Effects   | Silverbrook, Kia   |
| 1076018<br>1076018<br>1076019 | 89 Not Issued 20<br>90 Not Issued 71<br>91 Not Issued 40 | 01/21/2004  | Printhead Assembly Relatively Free From Environmental Effects Printhead Assembly With Dual Power Supply Pagewidth Inkjet Printer Cartridge With Ink Delivery Member                   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia |

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|----------|------------|--------------------------|----------|------------|---|--------------------------------------|
| E        |            |                          |          |            |   | Inventor Name                        |
|          |            | Not Issued               |          |            | Compact Printhead Assembly  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Inkjet Printer Cartridge Refill Dispenser With Plunge Action  | Silverbrook, Kia                     |
|          |            | Not Issued<br>Not Issued |          |            | Inkjet Printer Cartridge With A Compressed Air Port Inkjet Printer Cartridge With Fixative Delivery Capabilities  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Inkjet Printer Cartridge With Infrared Ink Delivery Capabilities  | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Self Threading Wallpaper Printer  | Silverbrook, Kia                     |
|          |            | Not Issued               | 71       |            | Mounting And Supporting Arrangement For Printhead Assembly  | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Printhead Assembly With Multiple Fluid Supply Connections   | Silverbrook, Kia                     |
| <u> </u> |            | Not Issued               |          |            | Removable Inkjet Printer Cartridge  | Silverbrook, Kia<br>Silverbrook, Kia |
| ⊢        |            | Not Issued               |          |            | Inkjet Printer Cradle For Receiving A Pagewidth Printhead Cartridge  Common Inkjet Printer Cradle For Pagewidth Printhead Printer Cartridge               | Silverbrook, Kia                     |
|          |            | Not Issued<br>Not Issued |          |            | Method For Facilitating The Upgrade Of An Inkjet Printer  | Silverbrook, Kia                     |
| ┢╾       |            | Not Issued               |          |            | Inkjet Printer Cradle With Shaped Recess For Receiving A Printer Cartridge  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Printhead Assembly With Floating Components   | Silverbrook, Kia                     |
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| $\perp$  |            | Not Issued               |          |            | Printhead Assembly With Selectable Printhead Integrated Circuit Control   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Method For Facilitating Maintenance Of An Inkjet Printer Having A Pagewidth Printhead   | Silverbrook, Kia<br>Silverbrook, Kia |
| ⊢        |            | 7002664<br>Not Issued    |          |            | Hybrid Digital Photofinishing System Printhead Assembly With Sealed Fluid Delivery Channels   | Silverbrook, Kia                     |
| Н        |            | Not Issued               |          |            | Digital Photofinishing System Fluid Cartridge   | Silverbrook, Kia                     |
| _        |            | Not Issued               |          |            | Printhead Assembly For A Wallpaper Printer  | Silverbrook, Kia                     |
|          |            | Not Issued               | 71       | 01/21/2004 | On-Demand Wallpaper Printer   | Sitverbrook, Kia                     |
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| L        |            | Not Issued               | 95       |            | Printhead Assembly With Constrained Printhead Integrated Circuits   | Silverbrook, Kia                     |
| ├        |            | Not Issued               |          |            | Printhead Assembly Digital Photofinishing System Cortridge  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Digital Photofinishing System Cartridge Photofinishing System Print Media Feed  | Silverbrook, Kia                     |
| $\vdash$ |            | Not issued               |          |            | Photofinishing System With Slitting Mechanism   | Silverbrook, Kia                     |
| Г        |            | Not Issued               |          |            | Inkjet Printer Cartridge With Two Printhead Integrated Circuits   | Silverbrook, Kia                     |
|          | 10760223   | Not Issued               | 71       | 01/21/2004 | Inkjet Printer Cartridge With Integral Maintenance Station  | Silverbrook, Kia                     |
| $\vdash$ | 10760224   | Not Issued               | 41       |            | Consumer Tote For Wallpaper Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| <u> </u> |            | Not Issued               |          |            | Media Cartridge For Wallpaper Printer   | Silverbrook, Kia                     |
| <b>-</b> |            | Not Issued               |          |            | Consumer Tote With Core Printhead Assembly With Power, Data And Fluid Connections   | Silverbrook, Kia                     |
| ⊢        |            | Not Issued               |          |            | Slitter Module With Optional Cutter   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Digital Photofinishing System Media Cartridge   | Silverbrook, Kia                     |
|          |            | Not Issued               | 41       | 01/21/2004 | Self Contained Wallpaper Printer  | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Printhead Assembly With Electrical Connection Member For Interconnecting Print Engine Controllers   | Silverbrook, Kia                     |
| <u>_</u> |            | Not Issued               |          |            | Printhead Assembly With Electrically Interconnected Print Engine Controllers  | Silverbrook, Kia<br>Silverbrook, Kia |
| <u> </u> |            | Not Issued               | 83       | 01/21/2004 | Printhead Assembly With Two Or More Printhead Modules Printhead Assembly With Common Printhead Integrated Circuit And Print Engine Controller Power Input | Silverbrook, Kia                     |
| -        |            | 7077505<br>Not Issued    |          |            | Printhead System With Common Electrical Connector For Power And Data Signals  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Inkjet Printer Cartridge With Uniform Compressed Air Distribution   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Photofinishing System With Drier  | Silverbrook, Kia                     |
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|          | 10760239   | 6920704                  | 150      |            | Drying Method For A Printer   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Wallpaper Printing Franchise Method   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued<br>6991098    |          |            | Wallpaper Printing On-Demand A Consumer Tote For A Roll Of Wallpaper  | Silverbrook, Kia                     |
| -        |            | Not Issued               |          |            | Printhead Assembly With Fluid Supply Connections  | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Inkjet Printer Cartridge With Controlled Refill   | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Inkjet Printer Cartridge With Ink Refill Port Having Multiple Ink Couplings   | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Printhead Assembly With Interconnected Printhead Modules  | Silverbrook, Kia                     |
| <b>⊢</b> |            | Not Issued               |          |            | Inkjet Printer Cartridge With Combined Blotter  | Silverbrook, Kia                     |
| ⊢        |            | Not Issued               |          |            | Inkjet Printer Cartridge With Integral Shield Pagewidth Inkjet Printer Cartridge With A Refill Port   | Silverbrook, Kia                     |
| $\vdash$ |            | 6944970                  |          |            | In-Line Dryer For A Printer   | Silverbrook, Kia                     |
| Н        |            | Not Issued               |          |            | Wallpaper Printer   | Silverbrook, Kia                     |
|          | 10760252   | Not Issued               |          |            | Digital Photofinishing System Print Head Assembly   | Silverbrook, Kia                     |
| 匚        |            | Not Issued               |          |            | Printhead Assembly With Print Media Guide   | Silverbrook, Kia                     |
| <u> </u> |            | Not Issued               |          |            | Inkjet Printer Cartridge With Pagewidth Printhead   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Printhead Assembly With Print Engine Controller Method For Printing Wallpaper   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Wallpaper Printing Wallpaper  Wallpaper Printing Business Method  | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               | 95       | 01/21/2004 | Secure Method Of Refilling An Inkjet Printer Cartridge  | Silverbrook, Kia                     |
|          | 10760259   | Not Issued               | 83       | 01/21/2004 | Inkjet Printer Cradle With Cartridge Stabilising Mechanism  | Silverbrook, Kia                     |
| 匚        |            | Not Issued               |          |            | Wallpaper Printer With Removable Printhead  | Silverbrook, Kia<br>Silverbrook, Kia |
| <b>—</b> |            | Not Issued               |          |            | Inkjet Printer Cartridge Refill Dispenser With Security Lock For Spent Refill   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued Not Issued    |          |            | Printhead Assembly With Mounting Element For Power Input Inkjet Printer Cartridge With Air Filter   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Pagewidth Inkjet Printer Cartridge With End Electrical Connectors   | Silverbrook, Kia                     |
| Н        |            | Not Issued               |          | 01/21/2004 | Digital Photofinishing Business Method And Franchise Operation  | Silverbrook, Kia                     |
|          | 10760266   | Not Issued               | 41       | 01/21/2004 | Methods For Printing Wallpaper On Demand  | Silverbrook, Kia                     |
|          | 10760267   | Not Issued               | 71       |            | Inkjet Printer Cradle With Integrated Reader Circuit  | Silverbrook, Kia<br>Silverbrook, Kia |
| $\vdash$ |            | Not Issued               |          |            | Inkjet Printer Cartridge Refill Dispenser   | Silverbrook, Kia<br>Silverbrook, Kia |
| $\vdash$ |            | Not Issued               |          | 01/21/2004 | Removable Printhead Assembly For A Wallpaper Printer Inkjet Printer Cradle With End Data And Power Contacts   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued Not Issued    |          |            | Inkjet Printer Cradle With Single Drive Motor Performing Multiple Functions   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          |            | Printhead Module For Printhead Assembly   | Silverbrook, Kia                     |
|          |            | Not Issued               |          | 01/21/2004 | Printhead Module Having Selectable Number Of Fluid Channels   | Silverbrook, Kia                     |
| 匚        | 10760274   | Not Issued               | 83       | 01/21/2004 | Inkjet Printer Cradle With Compressed Air Delivery System   | Silverbrook, Kia                     |
| F        |            | Not Issued               |          |            | Inkjet Printer Cradle With Integrated Cartridge Engaging Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| $\vdash$ |            | Not Issued               |          |            | Thermal Ink Jet Printhead With Drive Circuitry On Opposing Sides Of Chamber   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued               |          | 02/09/2004 |   | Silverbrook, Kia                     |
| $\vdash$ |            | Not Issued<br>Not Issued |          | 02/09/2004 |   | Silverbrook, Kia                     |
| $\vdash$ | 10773187   | Not Issued               | 71       | 02/09/2004 |   | Silverbrook, Kia                     |
|          |            | Not Issued               |          |            | Inkjet Printhead With Cross Drive Circuitry Close To Ink Supply Passage   | Silverbrook, Kia                     |
|          | 10773189   | Not Issued               | 93       | 02/09/2004 | Thermal Ink Jet Printhead With Unintentional Boiling Prevention   | Silverbrook, Kia                     |
| 匚        |            | 6830318                  |          | 02/09/2004 | Thermal Ink Jet Printhead With Reduced Pressure Transients  | Silverbrook, Kia                     |
| -        |            | Not Issued               |          | 02/09/2004 |   | Silverbrook, Kia<br>Silverbrook, Kia |
| -        |            | Not Issued Not Issued    |          | 02/09/2004 |   | Silverbrook, Kia                     |
|          |            | 4 Not Issued             |          | 02/09/2004 | Thermal Ink Jet Printhead With Non-Buckling Heater Element  | Silverbrook, Kia                     |
|          |            | Not Issued               |          | 02/09/2004 | Thermal Ink Jet Printhead With Suspended Heater Element Spaced From Chamber Walls   | Silverbrook, Kia                     |

| [ 1 4   D-444   C4-4  | L Data Street  | I TO   | Inventor Name  |
|---|--|--|--|
| Application# Patent# Status   |  |  | Inventor Name<br>Silverbrook, Kia  |
| 10773196 Not Issued 93<br>10773197 Not Issued 71  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773198 Not Issued 71  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773199 Not Issued 71  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773200 Not Issued 71  | 02/09/2004   | Thermal Ink Jet Printhead With Heater Element That Forms Symmetrical Bubbles   | Silverbrook, Kia   |
| 10773201 Not Issued 41  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773202 Not Issued 71  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773203 Not Issued 41  | 02/09/2004   |  | Silverbrook, Kia   |
| 10773204 Not Issued 41<br>10773248 6886751 150  | 02/09/2004   |  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10774505 7008503 150  | 02/10/2004   |  | Silverbrook, Kia   |
| 10778056 Not Issued 30  |  | Image Sensor With Digital Frame Store  | Silverbrook, Kia   |
| 10778057 Not Issued 30  | 02/17/2004   |  | Silverbrook, Kia   |
| 10778058 Not Issued 30  |  | Image Sensor With Low-Pass Filter  | Silverbrook, Kia   |
| 10778059 Not Issued 30  |  | Pixel Sensor   | Silverbrook, Kia   |
| 10778060 Not Issued 30  |  | Image Sensor With Range Expander   | Silverbrook, Kia   |
| 10778081 Not Issued 30  | 02/17/2004   | Image Processor  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10778062 Not Issued 30<br>10778063 Not Issued 30  | 02/17/2004   | Image Processor With Low Power Mode Image Sensor Timing Circuit  | Silverbrook, Kia   |
| 10778065 Not Issued 41  | 02/17/2004   |  | Silverbrook, Kia   |
| 10778088 6921154 150  |  | Printhead With Nozzel Guard Alignment  | Silverbrook, Kia   |
| 10778089 6929348 150  |  | Printhead Incorporating Nozzle Assembly Containment  | Silverbrook, Kia   |
| 10778090 Not Issued 30  | 02/17/2004   | Line Extraction In Digital Ink   | Silverbrook, Kia   |
| 10778091 Not Issued 71  |  | Thin Nozzle Plate For Low Printhead Deformation  | Silverbrook, Kia   |
| 10778109 6878299 150  |  | Method Of Fabricating A Printhead With Nozzle Protection   | Silverbrook, Kia   |
| 10778139 Not Issued 71  |  | Method Of Producing Nozzle Plate Formed In-Situ On Printhead Substrate   | Silverbrook, Kia   |
| 10780622 Not Issued 71  | 02/19/2004   |  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10780623 6890059 150<br>10780624 Not Issued 83  |  | Inkjet Printhead Assembly With Grouped Nozzle Layout Apparatus For Validating The Presence Of An Authorized Accessory  | Silverbrook, Kia   |
| 10780625 Not Issued 83  | 02/19/2004   | Utilising Exposure Information For Image Processing In A Digital Image Camera  | Silverbrook, Kia   |
| 10782894 Not Issued 30  | 02/23/2004   |  | Silverbrook, Kia   |
| 10782895 Not Issued 95  |  | Marking Robot  | Silverbrook, Kia   |
| 10786631 Not Issued 30  | 02/26/2004   |  | Silverbrook, Kia   |
| 10791714 6946743 150  |  | Flexibility Enhanced Integrated Circuit Carrier  | Silverbrook, Kia   |
| 10791715 6978990 150  |  | Binding Assembly For Binding Sheets Incorporating An Alignment Mechanism   | Silverbrook, Kia   |
| 10791716 Not Issued 161   |  | Binding Mechanism For Generating Bound Documents   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10791727 6863105 150  |  | Printer That Incorporates A Binding Apparatus For Binding Sheets   | Silverbrook, Kia   |
| 10791792 Not Issued 30<br>10791793 6866369 150  |  | Integrated Circuit For The Authentication Of A Consumable Storage Device  Printer With Inkjet Printhead Having Overlapping Actuator And Drive Circuitry  | Silverbrook, Kia   |
| 10791840 7001793 150  |  | Method Of Protecting Microfabnicated Devices With Protective Caps  | Silverbrook, Kia   |
| 10791900 6988785 150  | 03/04/2004   | Print Head For A Pagewidth Printer Incorporating A Replicated Nozzle Arrangement Pattern   | Silverbrook, Kia   |
| 10793933 Not Issued 20  |  | Device For Use In A Method And System For Object Selection   | Silverbrook, Kia   |
| 10803073 Not Issued 20  | 03/18/2004   | Printing And Display Device Incorporating A Replaceable Ink Cartridge  | Silverbrook, Kia   |
| 10803074 Not Issued 30  |  | Printing And Display Device  | Silverbrook, Kia   |
| 10803075 7040823 150  | 03/18/2004   | Printing And Display Device Incorporating A Data Connection Hub  | Silverbrook, Kia   |
| 10803076 Not Issued 25  |  | Printing And Display Device Having A Media Path Adjacent A Flat Panel Display  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10803077 Not Issued 20  |  | Printing And Display Device Incorporating A Multi-Sheet Feeder Printing And Display Device Incorporating At Least Two Printheads   | Silverbrook, Kia   |
| 10803078 Not Issued 20<br>10803079 Not Issued 25  |  | One Touch Printing   | Silverbrook, Kia   |
| 10803922 6830315 150  |  | Printhead Assembly Incorporating An Ink Supply Arrangement   | Silverbrook, Kia   |
| 10804034 Not Issued 20  | 03/19/2004   |  | Silverbrook, Kia   |
| 10804036 Not Issued 30  |  | Postcard Generator   | Silverbrook, Kia   |
| 10804042 Not Issued 30  |  | Portable Hand Held Camera  | Silverbrook, Kia   |
| 10804048 Not Issued 71  |  | Mounting For A Modular Printhead   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10804057 Not Issued 20  |  | Portable Camera With Inbuilt Printer Device Ink Jet Printhead With Moveable Ejection Nozzles   | Silverbrook, Kia   |
| 10808582 6886918 150<br>10810588 6913346 150  |  | Inkjet Printer With Contractable Chamber   | Silverbrook, Kia   |
| 10815609 Not Issued 30  | 04/02/2004   | Laser Scanning Device For Printed Product Identification Codes   | Silverbrook, Kia   |
| 10815610 Not Issued 25  |  | Laser Scanner Using Acousto-Optic Deflectors   | Silverbrook, Kia   |
| 10815611 Not Issued 71  | 04/02/2004   | Laser Scanner Using Rotating Holographic Optical Element   | Silverbrook, Kia   |
| 10815612 Not Issued 71  |  | Competition Entry Via Label  | Silverbrook, Kia   |
| 10815613 Not Issued 20  |  | Shopping Receptacle With In-Built Scanner  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815614 Not Issued 30  |  | Printing Coded Data  | Silverbrook, Kia   |
| 10815615 Not Issued 71  |  | Facilitating User Interaction  Cond For Facilitation User Interaction  | Silverbrook, Kia   |
| 10815616 Not Issued 71<br>10815617 Not Issued 20  | 04/02/2004   | Card For Facilitating User Interaction  Communication Facilitation   | Silverbrook, Kia   |
| 10815618 Not Issued 30  |  | Dynamic User Registration  | Silverbrook, Kia   |
| 10815619 Not Issued 71  |  | Shopping Receptacle With In-Built Scales   | Silverbrook, Kia   |
| 10815620 Not Issued 51  | 04/02/2004   | Combined Sensing Device  | Silverbrook, Kia   |
| 10815621 Not Issued 30  |  | Competition Entry  | Silverbrook, Kia   |
| 10815622 7070110 150  |  | Hand-Wearable Coded Data Reader  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815623 Not Issued 95  |  | Handheld Laser Scanner Stabilized Dithiolene Inkjet Inks   | Silverbrook, Kia   |
| 10815624 Not Issued 41<br>10815625 Not Issued 71  | 04/02/2004   | Water-Based Dithiolene Infrared Inkjet Inks  | Silverbrook, Kia   |
| 10815626 Not Issued 71  |  | Transparent Conveyor For Check-Out Scanning  | Silverbrook, Kia   |
| 10815627 Not Issued 61  | 04/02/2004   | Multi-Angle Laser Scanner  | Silverbrook, Kia   |
| 10815628 Not Issued 20  |  | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   | Silverbrook, Kia   |
| 10815629 Not Issued 20  |  | Handheld Coded Data Reader   | Silverbrook, Kia   |
| 10815630 Not Issued 25  |  | Anonymous Competition Entry  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815631 Not Issued 95  |  | Symmetric Data Tags Product Identity Data  | Silverbrook, Kia   |
| 10815632 Not Issued 80<br>10815633 Not Issued 41  | 04/02/2004   | Shopping Receptacle With In-Built User Interface   | Silverbrook, Kia   |
|   |  | Product Item Status  | Silverbrook, Kia   |
|   |  | Locations Based Promotions   | Silverbrook, Kia   |
| 10815634 Not Issued 30  |  | Sensing Device For Coded Data  | Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30  | 04/02/2004   |  |  |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25  | 04/02/2004   | Anonymous Communication  | Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25<br>10815638 Not Issued 30  | 04/02/2004<br>04/02/2004<br>04/02/2004   | Competition Entry Wth Limited Return Messaging   | Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41  | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004   | Competition Entry With Limited Return Messaging Validating Competition Entry   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71  | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004   | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71<br>10815641 Not Issued 100   | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004   | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging Automatic Packaging System   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 25<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71<br>10815641 Not Issued 100<br>10815642 Not Issued 100  | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004   | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging Automatic Packaging System Coupon Redemption   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia                                     |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 30<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71<br>10815641 Not Issued 100   | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004                             | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging Automatic Packaging System   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia                 |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 25<br>10815636 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71<br>10815641 Not Issued 100<br>10815643 Not Issued 30<br>10815643 Not Issued 30                           | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004 | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging Automatic Packaging System Coupon Redemption Electronic Token Redemption Token Redemption Robotic Assembly | Silverbrook, Kia |
| 10815634 Not Issued 30<br>10815635 Not Issued 20<br>10815636 Not Issued 25<br>10815637 Not Issued 25<br>10815638 Not Issued 30<br>10815639 Not Issued 41<br>10815640 Not Issued 71<br>10815641 Not Issued 100<br>10815643 Not Issued 30<br>10815644 Not Issued 30<br>10815644 Not Issued 93 | 04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004<br>04/02/2004 | Competition Entry With Limited Return Messaging Validating Competition Entry Limited Return Messaging Automatic Packaging System Coupon Redemption Electronic Token Redemption Token Redemption                  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia                 |

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| Section   Common      |                      |          |     |            |  |                  |          |
| 1997      |                      |          |     | 04/02/2004 |  |                  | $\neg$   |
| 1931-29   1931-29   1932   |                      |          |     |            |  |                  |          |
| 1997      |                      |          |     |            | Digital Camera Using Exposure Information For Image Processing   |                  |          |
| 169179 Int tuest 30 (2000) College Control College Control College Col |                      |          |     |            |  |                  |          |
| Section   Sect   |                      |          |     |            |  |                  |          |
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| Control   Cont   |                      |          |     |            | Digital Camera Utilizing Autofocus Settings For Image Manipulation   |                  |          |
|  | 10831241 Not I       | Issued 3 | 30  |            |  |                  |          |
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| Total 100    |                      |          |     |            | THE CT THE COUNTY OF COUNT |                  |          |
| 10041077   6983001   150   67002014   Compact facing of Control (Control Control Con   |                      |          |     |            |  | Silverbrook, Kia |          |
|  |                      |          | 50  | 05/10/2004 | Compact Inkjet Printer For Portable Electronic Devices   |                  |          |
| Global Sept      |                      |          |     |            |  |                  |          |
| 10041576   6910007   100   50170000   Thomas Band Advanted Indight With Pro-Friest Mode   Sherbrook, Nat   10041571   690005   100510005   100510000   Thomas Band Advanted Profession Advanced Davids   Sherbrook, Nat   10041571   10051005   10051005   100510000   100510000   100510000   100510000   100510000   100510000   100510000   100510000   100   |                      |          |     |            | With Couply 1 of 1 thrite: MT Charles Discours Courts  |                  |          |
| 100H1517   69000035   50   091700004   Under Antalian Detection in A Mora Exectomentarial Device   Sharphook, Kin   100H1517   100H1517   100   100H1517   |                      |          |     |            |  |                  |          |
| 10041077   70011747   150   001020001   Method Of Removing A Blockage In A More Bestimens-drove   Shardmook, Kin   10040001   100400001   100400001   100400001   100400001   100400001     |                      |          |     | 05/10/2004 |  |                  | _        |
| 10046660  Not Issued 30   0917/2004   Heard-Steel Petition Printing   Sharknook, Kin   Sh   |                      |          |     |            |  |                  |          |
| 10946927 Not 15stand 3   | 10846561 Not I       | Issued 3 | 30  | 05/17/2004 | Hand-Held Postcard Printer   |                  |          |
| 10946967 Not Issued   20   | 10846562 Not I       | Issued 3 | 30  | 05/17/2004 | Postcard Printing Camera   |                  |          |
| 109466499 Not Issued   30  |                      |          |     |            | The man and the same and the sa |                  |          |
| Georgia   Geor   |                      |          |     |            | THE ROLL OF COLOURS THEO   |                  |          |
| 10948991 Not Issued   No.   169177(2004)   System for Remotily Controlling A special Col. A Function Cit Apparents   10948991 Not Issued   100767(2004)   Intelling Streetwest Comprising English Will Cathon Notes   10 No.   100767(2004)   Intelling Streetwest Comprising English Will Cathon Notes   10 No.      |                      |          |     |            | . Coloure : Manage of the same |                  |          |
| 1085117   No. 108500   1097-10004   Missage Processing Apparents of Appropria Effects 10 A Sherel Image   Survivious, 4d   1085115   708485   190   65742004   Missage Processing Apparents of Appropria Effects 10 A Sherel Image   Survivious, 4d   1085115   708485   190   65742004   Printer For Accompanion Varying Page Thickness   Sherefrook, 4d   1085116   6973877   690   69720004   Center For Accompanion Varying Page Thickness   Sherefrook, 4d   1085116   6973877   190   69720004   Center For Accompanion Varying Page Thickness   Sherefrook, 4d   1085117   697201   190   69720004   Center For Accompanion Varying Page Thickness   Sherefrook, 4d   1085117   190   69720004   Center For Accompanion Varying Page Thickness   Sherefrook, 4d   1085127   190   69720004   Center For Accompanion Varying Page Thickness   Sherefrook, 4d   1085277   190   |                      |          |     |            |  |                  |          |
| 1085151  Not Issued 30   | 10849931 69          | 940088 1 | 150 | 05/21/2004 | Molecular Structures Comprising Single Wall Carbon Nanotubes   |                  |          |
| 1085319   700485   190   96790004   Private For Accomodating Varying Page Thionass   Sherbrook, Kg   Sherbrook, Kg   1085317   109   96790004   Computer System Cliny William Computer System Computer Syste   | 10853117 Not I       | Issued 3 | 30  |            | tillege i recessing Apparation of Apparation   |                  |          |
| 10953178   6978604   109   10953187   150   109570904   Marbod CM Manufacturing A Light Emminy Semiconductor Package   Silverbrook, Kig   10959277   6921156   150   1   |                      |          |     | 05/26/2004 |  |                  |          |
| 10851284   6913975   150   0578/0040   Intellegent Media   Silvestrook, Kia   Silvestrook, Kia   10852262   6824057   150   0578/0040   Intellegent Media Chip With Disnaley Packed Nozzles   Silvestrook, Kia   10852262   6824057   150   0578/0040   Intellegent New York   Packed Nozzles   Silvestrook, Kia   10852262   6824057   150   0578/0040   Packed Nozzles   Packed Nozzles   Packed Nozzles   Silvestrook, Kia   10852362   6824057   150   0578/0040   Packed Nozzles   Packed Nozzles   Packed Nozzles   10852363   682605   150   0578/0040   Packed Nozzles   Pack   |                      |          |     | 05/26/2004 |  |                  |          |
| 1095227   8921150 150   05727004   Insurgery System For A Protected Printer   Shrebrook, Kin   10952500   1952004    |                      |          |     |            |  |                  |          |
| 10852928   8824257 151   50   50292004   Print Engine Having A Part of Year Roller's And A Print Zone Proximal Thereto   Shverbook, Kis   1085297  1151   50   5022004   Print Engine Having A Part of Year Roller's And A Print Zone Proximal Thereto   Shverbook, Kis   1085297  1151   1152    |                      |          |     |            |  | Silverbrook, Kia |          |
| 19853277   Not Issued   30   |                      |          | 150 | 05/26/2004 | Ink Supply System For A Portable Printer   |                  |          |
| 10853271   7059720   50   057972004   059292004   Memod Ad Apparatus For Firing Ins From A Plurality Of Nozzles On A Printhead   Silverbrook, Kia   10853378   6889898   50   05592004   Memod Ad Apparatus For Firing Ins From A Plurality Of Nozzles On A Printhead   Silverbrook, Kia   10853378   6889898   50   05592004   Memod Ad Apparatus For Firing Ins From A Plurality Of Nozzles On A Printhead   Silverbrook, Kia   10853378   6889898   50   05592004   Memod Of Expelling Ins From A Plurality Of Nozzles On A Printhead Modules   Silverbrook, Kia   1085378   Missand   50   05592004   Memod Of Expelling Ins From Nozzles In Groups   Silverbrook, Kia   1085478   Missand   50   055972004   Memod Of Expelling Ins From Nozzles In Groups   Silverbrook, Kia   10854878   Missand   50   05772004   Memod Of Expelling Ins From Nozzles In Groups, Starting At Outside Nozzles Of Each Group   Silverbrook, Kia   10854878   Missand   50   057772004   Memod Of Expelling Ins From Nozzles In Groups, Starting At Outside Nozzles Of Each Group   Silverbrook, Kia   10854879   Missand   10854   | 10853269 69          | 971811 1 | 150 |            | This English Control   |                  |          |
| 1965333   Not Issued   1   |                      |          |     |            |  |                  |          |
| 19853356   68869581   190   052/82/004   Computer System For Collaborative Document Markup   Shreetrook, Kia   19853376   190   052/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19853876   190   052/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19853876   190   152/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19853876   190   152/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19853876   190   152/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19853876   190   152/82/004   Image Sensing And Printing Device   Shreetrook, Kia   19854976   190   19   |                      |          |     |            |  |                  |          |
| 10853537   695376   150   05727004   Computer Schwinzer For Interaction With Coded Surface   Shverbook, Kis   10853585   Not Issued   30   05727004   Method Of Capturing And Processing Sensed Images   Shverbook, Kis   10854576   Not Issued   30   05727004   Method Of Capturing And Processing Sensed Images   Shverbook, Kis   10854576   Not Issued   31   05727004   Method Of Capturing And Processing Sensed Images   Shverbook, Kis   10854576   Not Issued   31   05727004   Method Of Capturing And Processing Sensed Images   Shverbook, Kis   10854576   Not Issued   30   05727004   Method Of Capturing And Processing Sensed Images   Shverbook, Kis   10854576   Not Issued   30   05727004   Method Of Expelling Ink From Nozzies in Groups, Starting Al Outside Nozzies Of Each Group   Shverbook, Kis   10854496   Not Issued   31   05727004   Printing And Module For Expelling Ink From Nozzies in Groups, Starting Al Outside Nozzies Of Each Group   Shverbook, Kis   10854496   Not Issued   30   05727004   Printing And Module For Expelling Ink From Nozzies in Groups, Starting Al Outside Nozzies Of Each Group   Shverbook, Kis   10854496   Not Issued   30   05727004   Printing And Module For Expelling Ink From Nozzies in Groups, Starting Al Outside Nozzies Of Each Group   Shverbook, Kis   10854496   Not Issued   31   05727004   Printing And Module For Expelling Ink From Nozzies in Groups, Starting Al Outside Nozzies Of Each Group   Shverbook, Kis   10854496   Not Issued   31   05727004   Printing And Module Printing Al Module Shverbook, Kis   10854496   Not Issued   31   05727004   Printing And Module Shverbook, Kis   10854496   Not Issued   31   05727004   Printing And Module Shverbook, Kis   10854496   Not Issued   30   05727004   Printing And Module Shverbook, Kis   10854496   Not Issued   30   05727004   Printing And Module Shverbook, Kis   10854596   Not Issued   30   05727004   Printing And Module Shverbook, Kis   10854596   Not Issued   30   05727004   Printing And Module Shverbook, Kis   10854596   Not Issued   30   057270   |                      |          |     |            |  |                  |          |
| 1085866  Not Issued   30   05/28/2004   Image Sensing And Printing Device   Sherbrook, Kis   1085869  Not Issued   31   05/28/2004   Image Sensing And Printing Device   Sherbrook   Not   1085869  Not Issued   31   05/28/2004   Computer System For Interfacing With A Coded Surface   10858762 Not Issued   31   05/28/2004   Computer System For Interfacing With A Coded Surface   1085869  Not Issued   31   05/28/2004   Computer System For Interfacing With A Coded Surface   1085869  Not Issued   30   05/28/2004   Not Issued      |                      |          |     |            |  |                  |          |
| 1085368   Not Issued 20  |                      |          |     |            | Image Sensing And Printing Device  |                  |          |
| 10854497 Not Issued   71   052772004   Thermoelastic Device Comprising An Expansive Element Formad From A Preselected Material   Sherbrook, Kia   10854489 Not Issued   30   052772004   Method Of Expelling Ink From Nozzles in Groups, Starting At Outside Nozzles Of Each Group   Sherbrook, Kia   10854489 Not Issued   30   052772004   Method Of Expelling Ink From Nozzles in Groups, Starting At Outside Nozzles Of Each Group   Sherbrook, Kia   10854497 Not Issued   41   052772004   Printhead Module For Expelling Ink From Nozzles in Groups, Starting At Outside Nozzles Of Each Group   Sherbrook, Kia   10854497 Not Issued   41   052772004   Printhead Module Having A Dropped Row   Sherbrook, Kia   10854497 Not Issued   41   052772004   Printhead Module Having A Communication Input For Data And Control   Sherbrook, Kia   10854497 Not Issued   51   052772004   Printhead Module Having A Communication Input For Data And Control   Sherbrook, Kia   10854497 Not Issued   50   052772004   Printhead Module Having A Communication Input For Data And Control   Sherbrook, Kia   10854497 Not Issued   50   052772004   Printhead Module Having A Communication Input For Data And Control   Sherbrook, Kia   10854497 Not Issued   50   052772004   Printhead Comprising Different Printhead Module   Sherbrook, Kia   10854497 Not Issued   50   052772004   Printhead Comprising Different Printhead Module   Sherbrook, Kia   10854497 Not Issued   50   052772004   Printhead Comprising Different Printhead Module   Printhead Modu   |                      |          | 20  | 05/26/2004 | Method Of Capturing And Processing Sensed Images   |                  |          |
| 19854487 Not Issued 30 052772004 Method Of Manufacturing Left-Handed And Right-Handed Printinead Modules Silvertrook, Kia 19854489 Not Issued 41 052772004 Printhead Module For Expelling Ink From Nozzies in Groups, Starting At Outside Nozzies Of Each Group Silvertrook, Kia 19854490 Not Issued 20 057772004 Printhead Module For Expelling Ink From Nozzies in Groups, Starting At Outside Nozzies Of Each Group Silvertrook, Kia 19854490 Not Issued 20 057772004 Printhead Module For Expelling Ink From Nozzies In Groups, Starting At Outside Nozzies Of Each Group Silvertrook, Kia 19854491 Not Issued 31 057772004 Printhead Module For Expelling Ink From Nozzies In Groups, Starting At Outside Nozzies Of Each Group Silvertrook, Kia 19854490 Not Issued 30 057772004 Printhead Module For Expelling Ink From Nozzies In Groups, Starting At Outside Nozzies Of Each Group Silvertrook, Kia 19854490 Not Issued 30 057772004 Printhead Module For Manufacturing International Module For Printhead Module For Print |                      |          |     | 05/26/2004 | Computer System For Interfacing With A Coded Surface   |                  |          |
| 10854489 Not Issued 3 0 567272004 Method Of Expelling Ink From Nozzles in Groups, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854489 Not Issued 41 052772004 Printhead Module For Expelling Ink From Nozzles in Groups, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854491 Not Issued 41 057272004 Printhead Module For Expelling Ink From Nozzles In Groups, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854491 Not Issued 41 057272004 Printhead Module For Expelling Ink From Nozzles In Groups, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854491 Not Issued 30 05772004 Printhead Module Capable Of Printing A Maximum Of N Channels Of Print Data Silverbrook, Kia 10854493 Not Issued 30 05772004 Printhead Gougle For Expelling Ink From Nozzles In Groups, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854493 Not Issued 30 057772004 Printhead Gougle Individe A Printer Controller For Atlant Silverbrook, Kia 10854495 Not Issued 30 057772004 Printhead Comprising From Printer Gougle For Atlant Silverbrook, Kia 10854495 Not Issued 30 057772004 Printhead Comprising From Universe Printhead Module Sased On Thermal Sensing 10854498 Not Issued 30 057772004 Printhead Comprising From Universe Printhead Module Sased On Thermal Sensing 10854498 Not Issued 41 057772004 Printhead Module Sased On Thermal Sensing 10854498 Not Issued 41 057772004 Printhead Module Sased Silverbrook, Kia 10854503 Not Issued 41 057772004 Printhead Module Having Tow Shift Registers 10854504 Not Issued 41 057772004 Printhead Module Sased Silverbrook, Kia 10854504 Not Issued 41 057772004 Printhead Module Having Tow Shift Registers Silverbrook, Kia 10854506 Not Issued 41 057772004 Printhead Module Having Tow Shift Registers Silverbrook, Kia 10854506 Not Issued 41 057772004 Printhead Module Having Tow Office Printhead Module Having Comprising A Printhead Module Sased Silverbrook, Kia 10854506 Not Issued 41 057772004 Printhead Module Having Tow Office Printhead Module Sased Silverbrook, Kia 10854506  |                      |          |     | 05/27/2004 | Thermoelastic Device Comprising An Expansive Element Formed From A Preselected Material  |                  |          |
| 10854469   Not Issued   20   0527/2004   Printhead Module For Expelling Ink From Nozzles In Groups, Atternately, Starting AI Outside Nozzles Of Each Group   Silverbrook, Kia   1085449   Not Issued   10   0527/2004   Printhead Module Having A Dropped Row   Silverbrook, Kia   1085449   Not Issued   10   0527/2004   Printhead Module Having A Dropped Row   Silverbrook, Kia   1085449   Not Issued   30   0527/2004   Printhead Module Having A Communication Input For Data And Control   Silverbrook, Kia   1085449   Not Issued   30   0527/2004   Printhead Module Having A Communication Input For Data And Control   Silverbrook, Kia   1085449   Not Issued   30   0527/2004   Printhead Module And AI Least Two Printer Controllers A Printhead Modules   Silverbrook, Kia   1085449   Not Issued   30   0527/2004   Printipe Controller For Controlling A Printhead Modules Based On Thermal Sensing   Silverbrook, Kia   1085449   Not Issued   30   0527/2004   Printipe Controller For Controlling A Printhead Modules And AI Least Two Printer Controllers A Printipe Controller For Controlling A Printipe AI Modules And AI Least Two Printer Controllers A Printipe AI Modules AI Least Two Printer Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers AI Least Printipe AI Modules AI Least Two Printer Controllers Controllers AI Silverbrook, Kia   10854500 Not Issued   10   0527/2004   Printipe Controller For Supphying Data To AP Printhead Modules AI AI Least Two Printer Controllers AI Controllers AI Silverbrook, Kia   10854500 Not Issued   10   0527/2004   Printer Controllers For Supphying Data To AP Printhead Modules AI AI Least Two Printer Controllers AI Silverbrook, Kia   1   |                      |          |     | 05/27/2004 | Method Of Manuacuming Cert-named And Right-named Findless Modelless of Each Group  |                  |          |
| 18854490   Not I sawed   20   05/27/2004   Printhead Module For Expelling Ink From Nozzles In Groups, Starting At Outside Nozzles Of Each Group   Silverbrook, Kia   18854491   Not I sawed   41   05/27/2004   Printhead Module Having A Communication Input For Data And Control   Silverbrook, Kia   18854495   Not I sawed   30   05/27/2004   Printhead Module Gapable Of Printing A Maximum Of N Channels Of Print Data   Silverbrook, Kia   18854495   Not I sawed   30   05/27/2004   Printhead Control Input For Controller For Controll   |                      |          |     | 05/27/2004 | Printhead Module For Expelling Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Group  |                  |          |
| 10854491 Not Issued 3  | 1000 / 100 / 110 / 1 |          |     |            |  |                  |          |
| 10854497 Not Issued 30   0577/2004   Printhead Module Having A Demmunication Input For Data Ard Centrol   Silverbrook, Kie   10854498 Not Issued 30   0577/2004   Printhead Module Capable Of Printing A Maximum Of N Channels Of Print Data   Silverbrook, Kie   10854498 Not Issued 30   0577/2004   Printhead Comprising Different Printhead Module Based On Thermal Sensing   Silverbrook, Kie   10854498 Not Issued 30   0577/2004   Printhead Comprising Different Printhead Module Based On Thermal Sensing   Silverbrook, Kie   10854497 Not Issued 30   0577/2004   Printhead Module Based On Thermal Sensing   Silverbrook, Kie   10854497 Not Issued 30   0577/2004   Printhead Module Based On Thermal Sensing   Silverbrook, Kie   10854497 Not Issued 30   0577/2004   Printhead Module Based On Thermal Sensing   Silverbrook, Kie   10854503 Not Issued 41   0577/2004   Printhead Module Having Two Shift Registers   Silverbrook, Kie   10854504 Not Issued 41   0577/2004   Printhead Module Having Two Shift Registers   Silverbrook, Kie   10854504 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 41   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 57   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 57   0577/2004   Printhead Module Having Interference Silverbrook, Kie   10854506 Not Issued 57   0577/2004   Printhead Module Having Interference Silverbrook, Kie   |                      |          |     |            |  |                  |          |
| 1085493 Not Issued 30 0527/2004 Printing at Medical Capable Of Printing A Maximum Of N Charmets Of Print Data Silverbrook, Kia 1085495 Not Issued 30 0527/2004 Printing Comprising Different Printing at Module Based On Thermal Sensing Silverbrook, Kia 1085495 Not Issued 30 0527/2004 Printing Controller For Controlling A Printing Module Based On Thermal Sensing Silverbrook, Kia 10854497 Not Issued 30 0527/2004 Printing Controller For Controlling A Printing Controller For Controller For Controlling A Printing Controller For Control |                      |          |     | 05/27/2004 | Printhead Module Having A Dropped Row  |                  |          |
| 1085495 Not Issued 30 0527/2004 Printer Controller For Controlling A Printhead Modules Based On Thermal Sensing Silverbrook, Kia 1085495 Not Issued 30 0527/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 1085497 Not Issued 30 0527/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 1085498 Not Issued 30 0527/2004 Printer Controller For At Least Partially Compensating For Erroneous Rotational Displacement Silverbrook, Kia 10854504 Not Issued 150 0527/2004 Printer Controller For Controlling A Printhead Middle Ray India Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854507 Not Issued 41 0527/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854507 Not Issued 41 0527/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854507 Not Issued 50 (Septiment Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854507 Not Issued 50 (Septiment Printer Controller For Causing Explaint Or Printer Controllers Silverbrook, Kia 10854507 Not Issued 50 (Septiment Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Of Earl Silverbrook, Kia 10854507 Not Issued 50 (Septiment Printer Controller For Supplying Data To A Printhead Module Having Printer Controller Silverbrook, Kia 10854507 Not Issued 50 (Septiment Printer Controller For Supplying Da |                      |          | 41  | 05/27/2004 | Printhead Module Having A Communication input For Data And Control  Biothand Module Capable Of Printing A Maximum Of N Channels Of Print Data  |                  |          |
| 10854496 Not Issued 30   05/27/2004   Printer Controller For Controlling A Printhead Module Based On Thermal Sansing   Silverbrook, Kia   10854496 Not Issued 30   05/27/2004   Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia   10854498 Not Issued 30   05/27/2004   Printer Controller For At Least Partially Compensating For Erroneous Rotational Displacement   Silverbrook, Kia   10854498 Not Issued 30   05/27/2004   Printer Controller For Controlling A Printhead Module Printer Controller Co   |                      |          |     |            |  |                  |          |
| 10854496 Not Issued   95   052772004   Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia   10854507 Not Issued   90   052772004   Printer Controller For At Least Partially Compensating For Erroneous Rotational Displacement   Silverbrook, Kia   10854503 Not Issued   10   052772004   Printer Controller For Controller For Controller For Controller For Controller For Supplying Data To A Printhead With Horizontally Grouped Firing Order   Silverbrook, Kia   10854503 Not Issued   10   052772004   Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia   10854506 Not Issued   41   052772004   Printer Controller For Supplying Data To Cone Or More Printheads Via Serial Links   Silverbrook, Kia   10854507 Not Issued   41   052772004   Printer Controller For Supplying Data To Cone Or More Printheads Would Having One Or More Redundant Nozzle Rows   Silverbrook, Kia   10854507 Not Issued   41   052772004   Printer Controller For Supplying Data To A Printhead Module Having Che Nore Redundant Nozzle Rows   Silverbrook, Kia   10854507 Not Issued   41   052772004   Printer Controller For Supplying Data To A Printhead Module Having Che Nore Redundant Nozzle Rows   Silverbrook, Kia   10854507 Not Issued   052772004   Printer Comprising Two Printhead Modules And At Least Two Printer Controllers   Silverbrook, Kia   10854511 Not Issued   052772004   Printer Comprising Two Printhead Modules And At Least Two Printer Controllers   Silverbrook, Kia   10854511 Not Issued   052772004   Printer Controller For Supplying Data To A Printhead Modules And At Least Two Printer Controllers   Silverbrook, Kia   10854511 Not Issued   052772004   Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row   Silverbrook, Kia   10854511 Not Issued   052772004   Printer Controller For Supplying Data To A Printhead Module Having Che Printer Controller For Supplying Data To A P   |                      |          |     | 05/27/2004 | Printer Controller For Controlling A Printhead Module Based On Thermal Sensing   |                  |          |
| 10854497 Not Issued 3 0 597/2004 Printer Controller For At Least Partially Compensating For Erroneous Rotational Displacement Silverbrook, Kia 10854498 Not Issued 3 0 597/2004 Printer Controller For Controlling A Printhead Mith Horizontally Grouped Firing Order Silverbrook, Kia 10854503 Not Issued 160 05/27/2004 Printhead Module Having Two Shift Registers Silverbrook is 10854504 Not Issued 160 05/27/2004 Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854506 Not Issued 41 05/27/2004 Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia 10854506 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854506 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854506 Not Issued 21 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 20 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles in Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 10854519 Not Issued 30 05/27/2004 Printer Comprising Two Printhead Modules And At Least Two Printer Controllers Silverbrook, Kia 10854519 Not Issued 30 05/27/2004 Printer Comprising Two Unever Printhead Modules And At Least Two Printer Controllers Silverbrook, Kia 10854519 Not Issued 30 05/27/2004 Printer Controllers For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854519 Not Issued 30 05/27/2004 Printer Controllers For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854519 Not Issued 30 05/27/2004 Printer Controllers For Supplying Data To A Printhead Module | 10854496 Not         | Issued 9 |     |            | Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data  | Silverbrook, Kia |          |
| 1085498 Not Issued 30 05/27/2004 Printer Controller For Controlling A Printhead Mith Horizontally Grouped Firing Order Silverbrook, Kia 1085490 Not Issued 160 05/27/2004 Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia 1085450 Not Issued 41 05/27/2004 Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia 1085450 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Or More Printhead Silverbrook, Kia 1085450 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 1085450 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 1085450 Not Issued 71 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Group 1085450 Not Issued 70 05/27/2004 Printer Comprising Two Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 20 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854511 Not Issued 20 05/27/2004 Printer Controller For Providing Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854510 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854520 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854528 Not Issued 41 05/ |                      |          |     |            | To The Other   | Silvarbrook Via  |          |
| 10854503 Not Issued 41 05/27/2004 Printer Comprising A Printhead Module Having Two Shift Registers 10854506 Not Issued 41 05/27/2004 Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia 10854506 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Or More Printheads Via Serial Links Silverbrook, Kia 10854506 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Or More Printheads Via Serial Links Silverbrook, Kia 10854507 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Comprising Two Printhead Modules And At Least Two Printer Controllers One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854521 Not Issued 40 05/27/2004 Printer Controller For Supplying Data To A  |                      |          | 30  | 05/27/2004 | Printer Controller For At Least Partially Compensating For Erroneous Rotational Displacement   |                  |          |
| 108545Q Not Issued 41 05/27/2004 Printer Comprising A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead Silverbrook, Kia 10854508 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Or More Printheads Via Serial Links Silverbrook, Kia 10854509 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 71 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 10854510 Not Issued 20 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers Or The Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 20 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854511 Not Issued 20 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854518 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854522 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Capable Of Printing A Module Printhead Silverbr |                      |          |     |            |  |                  | _        |
| 1085450S Not Issued 41 052772004 Printer Controller For Supplying Data To One Or More Printhead S Via Serial Links Silverbrook, Kia 1085450F Not Issued 41 052772004 Printer Controller For Supplying Data To One Or More Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 1085450F Not Issued 71 052772004 Printer Controller For Causing Expulsion Of Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 1085450F Not Issued 20 052772004 Printer Comprising Two Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854510 Not Issued 30 052772004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 20 052772004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854511 Not Issued 20 052772004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854518 Not Issued 20 052772004 Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854518 Not Issued 20 052772004 Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854521 Not Issued 30 052772004 Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854521 Not Issued 30 052772004 Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854521 Not Issued 30 052772004 Printer Module Module Having Nozzle Redundancy For Euros In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854522 Not Issued 41 052772004 Printhead Module Having Nozzle Redundancy For Euros In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 30 052772004 Printhead Module Having Nozzle Redundancy For Europe Silverbrook, Kia 10854523 Not Issued 30 052772004 Printhea |                      |          |     | 05/27/2004 | Printer Composing A Printhead And At Least Two Printer Controllers Connected To A Common Input Of The Printhead  |                  | _        |
| 10854506 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To One Or More Printheads Via Serial Links Silverbrook, Kia 10854507 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 71 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles In Group, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia Group 10854509 Not Issued 20 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers Silverbrook, Kia 10854511 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854512 Not Issued 20 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854515 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854516 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854516 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Least One Printhead Module Having Roups Silverbrook, Kia 10854520 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Least One Printhead Module Having Roups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Least One Printhead Module Having Roups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having Roups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/20 | ,5554504114011       | .55666   |     |            |  |                  |          |
| 10854508 Not Issued 41 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows Silverbrook, Kia 10854508 Not Issued 71 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles in Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 10854508 Not Issued 20 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles in Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers. One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 30 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854513 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854516 Not Issued 30 05/27/2004 Printer Controller For Supplying Dot Data To At Least One Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printer Controller For Supplying Dot Data To At Least One Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printhead Module Having Printhead Module Having Rozzles Of Groups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Hav | 10854505 Not         | Issued   | 41  | 05/27/2004 | Printhead Module Having Interleaved Shift Registers  |                  |          |
| 10854508 Not Issued 71 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles in Groups, Alternately, Starting At Outside Nozzles Of Each Silverbrook, Kia 10854508 Not Issued 30 05/27/2004 Printer Comprising Two Printeed Modules And At Least Two Printer Controllers Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 30 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854513 Not Issued 30 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854515 Not Issued 30 05/27/2004 Printer Controller For Supplying Data 10 A Printhead Module Having A Dropped Row Silverbrook, Kia 10854515 Not Issued 20 05/27/2004 Printer Controller For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having For Supplying Dot Data 10 A Printhead Module Having Nozzles Tolerance 105/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance 105/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance 105/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printhead Module Having Department Ontroller For Supplying Data 10 A Printhead Commission Different Printhead Modules Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle R | 10854506 Not         | Issued 4 | 41  | 05/27/2004 | Printer Controller For Supplying Data To One Or More Printheads Via Senal Links  |                  |          |
| Group   Group   Group   Group   Group   Group   Group   Dis27/2004   Printer Comprising Two Printhead Modules And At Least Two Printer Controllers   Gilverbrook, Kia   Dis24510 Not Issued   Dis27/2004   Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia   Dis24511 Not Issued   Dis27/2004   Printer Controller For Providing Data And Command Via Communication Output   Silverbrook, Kia   Dis24511 Not Issued   Dis27/2004   Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row   Silverbrook, Kia   Dis24515 Not Issued   Dis27/2004   Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle   Silverbrook, Kia   Dis24516 Not Issued   Dis27/2004   Printer Controller For Supplying Data To A Heast One Printhead Module Having Faulty Nozzle   Silverbrook, Kia   Dis24520 Not Issued   Dis27/2004   Printer Controller For Supplying Data To A Heast One Printhead Module Having A Dropped Row   Silverbrook, Kia   Dis24520 Not Issued   Dis27/2004   Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row   Silverbrook, Kia   Dis24520 Not Issued   Dis27/2004   Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance   Silverbrook, Kia   Dis24520 Not Issued   Dis27/2004   Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement   Silverbrook, Kia   Dis24520 Not Issued   Dis27/2004   Printhead Module Having Nozzle Redundancy   Dis247/2004   Printhead Module Having Nozzle Redundancy   Dis247/2004   Dis247/2004   Printhead Module Having Nozzle Redundancy   Dis   |                      |          |     | 05/27/2004 | Printer Controller For Supplying Data To A Printhead Module Having One Or More Redundant Nozzle Rows   |                  |          |
| 10854509 Not Issued 30 05/27/2004 Printer Comprising Two Printehad Modules And At Least Two Printer Controllers. Silverbrook, Kia 10854510 Not Issued 30 05/27/2004 Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Data Silverbrook, Kia 10854511 Not Issued 71 05/27/2004 Printer Controller For Providing Data And Command Via Communication Output Silverbrook, Kia 10854519 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854516 Not Issued 20 05/27/2004 Printer Controller For Supplying Data To A Issued 10 05/27/2004 Printer Controller For Causing Exputsion Of Ink From Nozzles in Groups, Starting At Outside Nozzles Of Groups Silverbrook, Kia 10854520 Not Issued 41 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 41 05/27/2004 Printhead Module Having Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 41 05/27/2004 Printhead Module Having Nozzle In Groups, Alternately, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Assembly Mith Flaving Modular Printhead Module Baving Interleaved Shift Registe | 10854508 Not         | issued   | /1  | 05/2//2004 |  | our storon, rud  |          |
| 10854510 Not Issued 30   | 10854509 Not         | Issued   | 20  | 05/27/2004 | Printer Comprising Two Printhead Modules And At Least Two Printer Controllers  |                  | _        |
| To Both Of The Printhead Modules   |                      |          |     | 05/27/2004 | Printer Comprising Two Uneven Printhead Modules And At Least Two Printer Controllers, One Of Which Sends Print Date  | Silverbrook, Kia |          |
| 10854512 Not Issued 71 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having A Dropped Row Silverbrook, Kia 10854515 Not Issued 20 05/27/2004 Printer Controller For Supplying Dot Data To At Least One Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854515 Not Issued 20 05/27/2004 Printer Controller For Supplying Dot Data To At Least One Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854520 Not Issued 41 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854522 Not Issued 41 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 41 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Having Interfeaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10854689 05/30389 |                      |          |     |            | To Both Of The Printhead Modules   |                  |          |
| 10854515 Not Issued 20 05/27/2004 Printer Controller For Supplying Dot Data To At Least One Printhead Module Having Faulty Nozzle Silverbrook, Kia 10854520 Not Issued 30 05/27/2004 Printer Controller For Causing Expulsion Of Ink From Nozzles In Groups, Starting At Outside Nozzles Of Groups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 20 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 41 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 41 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854529 Not Issued 30 05/27/2004 Printhead Module Having Operation Comprising Different Printing A Maximum Of N Channels Of Print Data Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printer Maximum Of Notation Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856884 Not Issued 30 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busb |                      |          |     |            |  |                  |          |
| 10854516 Not Issued 20 05/27/2004 Printhead Module Having Nozzle Redundancy For Faulty Nozzles In Groups, Starting At Outside Nozzles Of Groups Silverbrook, Kia 10854521 Not Issued 30 05/27/2004 Method For At Least Partially Compensating For Front In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854521 Not Issued 41 05/27/2004 Method For At Least Partially Compensating For Front In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854523 Not Issued 41 05/27/2004 Method Of Expelling Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854526 Not Issued 41 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Capable Of Printing A Maximum Of N Channels Of Print Data Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854683 6913344 150 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856884 Not Issued 100 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856996 70339911 150 06/01/2004 Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 70339911 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Modules Fixed Along A Channel Silverbr |                      |          |     |            | Printer Controller For Supplying Data 10 A Printhead Module Having A Dropped Row   |                  |          |
| 10854520 Not Issued 41 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854521 Not Issued 41 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854522 Not Issued 41 05/27/2004 Method Of Expelling Ink From Nozzles In Groups, Alternately, Starting At Outside Nozzles Of Each Group Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 41 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Grouped Firing Order Silverbrook, Kia 10856836 9703894 150 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856896 7039911 150 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856996 7039911 150 06/01/2004 Printhead Assembly Having Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printhead Assembly Having Printhead Modules Fixed Along A Channel Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Moduler Printhead Modules Fixed Along A Channel Silverbrook, Kia  |                      |          |     |            |  |                  |          |
| 10854521 Not Issued 10 05/27/2004 Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement Silverbrook, Kia 10854522 Not Issued 10 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printhead Module Having Departion Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printhead Comprising Different Printhead Module Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Grouped Firing Order Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Grouped Firing Order Silverbrook, Kia 10856884 Not Issued 30 05/27/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856889 7038911 150 08/01/2004 Printhead Assembly Having Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856896 7032995 150 08/01/2004 Printer Having Moduler Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 08/01/2004 Printer Having Moduler Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 08/01/2004 Printer Having Moduler Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia   |                      |          |     | 05/27/2004 | Printhead Module Having Nozzle Redundancy For Faulty Nozzle Tolerance  | Silverbrook, Kia |          |
| 10854522 Not Issued 41 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854523 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 41 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 41 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Print Controllar For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printhead Controllar For Supplying Data To A Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Grouped Firing Order Silverbrook, Kia 10856833 6913344 150 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856884 Not Issued 100 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856894 6969151 150 06/01/2004 Printhead Assembly Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia   |                      |          |     | 05/27/2004 | Method For At Least Partially Compensating For Errors In Ink Dot Placement Due To Erroneous Rotational Displacement  | Silverbrook, Kia |          |
| 10854523 Not Issued 30 05/27/2004 Printhead Module Having Nozzle Redundancy Silverbrook, Kia 10854524 Not Issued 30 05/27/2004 Printhead Module Having Operation Controllable On Basis Of Thermal Sensors Silverbrook, Kia 10854525 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Capable Of Printing A Maximum Of N Channels Of Print Data Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Assembly Grouped Firing Order Silverbrook, Kia 10856883 691344 150 06/1/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856884 Not Issued 100 08/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856894 6963151 150 06/01/2004 Printhead Assembly Having Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia  |                      |          |     |            |  |                  |          |
| 10854524   Not Issued   30   05/27/2004   Printhead Module Having Operation Controllable On Basis Of Thermal Sensors   Silverbrook, Kia   10854525   Not Issued   41   05/27/2004   Printhead Complete For Supplying Data To A Printhead Capable Of Printhead Module Silverbrook, Kia   10854526   Not Issued   30   05/27/2004   Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules   Silverbrook, Kia   10854527   Not Issued   20   05/27/2004   Printer Controller For Supplying Data To A Printhead Comprising Different Printhead Modules   Silverbrook, Kia   10854528   Not Issued   30   05/27/2004   Printhead Module Having Horizontally Grouped Firing Order   Silverbrook, Kia   10854683   6913344   150   08/01/2004   Printhead Assembly With Data And Power Board   10856884   Not Issued   100   06/01/2004   Printhead Assembly With Data And Power Board   10856895   7038911   150   06/01/2004   Printhead Assembly With Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   6969151   150   06/01/2004   Printhead Assembly Having Printhead Modules Fixed Along A Channel   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printhead Assembly Having Printhead Modules Fixed Along A Channel   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And B   |                      |          |     |            |  |                  |          |
| 10854526 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Copable Of Printing A Maximum Of N Channels Of Print Data Silverbrook, Kia 10854526 Not Issued 30 05/27/2004 Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules Silverbrook, Kia 10854527 Not Issued 30 05/27/2004 Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Interleaved Shift Registers Silverbrook, Kia 10854528 Not Issued 30 05/27/2004 Printhead Module Having Horizontally Grouped Firing Order Silverbrook, Kia 10854528 Not Issued 30 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856884 Not Issued 100 06/01/2004 Printhead Assembly With Data And Power Board Silverbrook, Kia 10856894 7036911 150 06/01/2004 Printhead Assembly Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printhead Assembly Having Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia  |                      |          |     |            |  |                  |          |
| 10854526   Not Issued   30   05/27/2004   Printer Controller For Supplying Data To A Printhead Comprising Different Printhead Modules   Silverbrook, Kia   10854527   Not Issued   20   05/27/2004   Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers   Silverbrook, Kia   10854528   Not Issued   30   05/27/2004   Printhead Module Having Horizontally Grouped Firing Order   Silverbrook, Kia   10856883   6913344   150   06/01/2004   Printhead Assembly   Printhead Assembly   Printhead Assembly   Silverbrook, Kia   10856884   Not Issued   100   06/01/2004   Printhead Assembly With Data And Power Board   Silverbrook, Kia   10856894   6969151   150   06/01/2004   Printhead Assembly Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995     | 108545251Not         | ISSU60   | 41  | 05/27/2004 | Printer Controller For Supplying Data To A Printhead Capable Of Printing A Maximum Of N Channels Of Print Data   |                  |          |
| 10854527   Not Issued   20   05/27/2004   Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers   Silverbrook, Kia   10854528   Not Issued   30   05/27/2004   Printhead Module Having Horizontally Grouped Firing Order   Silverbrook, Kia   Silverbrook, Kia   10856883   691344   150   060/1/2004   Printhead Assembly With Data And Power Board   10856884   Not Issued   100   06/01/2004   Printhead Assembly With Data And Power Board   10856889   7036911   150   06/01/2004   Printhead Assembly Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856994   6963151   150   06/01/2004   Printhead Assembly Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   703691   703   | 10854526 Not         | Issued   |     | 05/27/2004 | Print Controller For Supplying Data To A Printhead Comprising Different Printhead Modules  | Silverbrook, Kia |          |
| 10854528 Not Issued   30   05/27/2004   Printhead Module Having Horizontally Grouped Firing Order   Silverbrook, Kia   10858863   6913344   150   06/01/2004   Printhead Assembly With Data And Power Board   Silverbrook, Kia   10858884   Not Issued   100   06/01/2004   Printhead Assembly With Data And Power Board   Silverbrook, Kia   10858895   7038911   150   06/01/2004   Printhead Assembly With Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   6969151   150   06/01/2004   Printhead Assembly Having Printhead Modules Fixed Along A Channel   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars   Silverbrook, Kia   10856996   7032995   150   06/01/2004   70856996   7032995   150   06/01/2004   70856996   7032995   7032   |                      |          | 20  | 05/27/2004 | Printer Controller For Supplying Data To A Printhead Module Having Interleaved Shift Registers   |                  |          |
| 10856884 Not Issued         100         06/01/2004         Printhead Assembly With Data And Power Board         Silverbrook, Kia           10856889         7036911 150         06/01/2004         Pagewidth Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars         Silverbrook, Kia           10856994         6969151         150         06/01/2004         Printhead Assembly Having Printhead Modules Fixed Along A Channel         Silverbrook, Kia           10856996         7032995 150         06/01/2004         Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars         Silverbrook, Kia  | 10854528 Not         | Issued   | 30  | 05/27/2004 | Printhead Module Having Horizontally Grouped Firing Order  |                  |          |
| 10856869         7036911 150         06/01/2004         Pagewidth Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars         Silverbrook, Kia           10856994         6969151 150         06/01/2004         Printhead Assembly Having Printhead Modules Fixed Along A Channel         Silverbrook, Kia           10856996         7032995 150         06/01/2004         Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars         Silverbrook, Kia   |                      |          |     | 06/01/2004 | Printhead Assembly   |                  |          |
| 10856994 6969151 150 06/01/2004 Printhead Assembly Having Printhead Modules Fixed Along A Channel Silverbrook, Kia 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia  |                      |          |     | 06/01/2004 | Principed Assembly With Data And Hower Board   |                  |          |
| 10856996 7032995 150 06/01/2004 Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars Silverbrook, Kia   |                      |          |     |            |  |                  |          |
|  |                      |          |     | 06/01/2004 | Printer Having Modular Printhead Assembly With Flexible Pcb And Busbars  | Silverbrook, Kia |          |
|  |                      |          |     | 07/02/2004 | Ink Jet Nozzle With Multiple Actuators For Reducing Chamber Volume   | Silverbrook, Kia |          |

| FAT III BALLIN I COLOR                              | Date St. 1               |  | Inventor Name                        |
|---|--------------------------|--|--------------------------------------|
| Application# Patent# Status<br>10882764 7040736 150 |                          |  | Inventor Name<br>Silverbrook, Kia    |
|   |                          |  | Silverbrook, Kia                     |
| 10882766 6988788 150                                | 07/02/2004               | Ink Jet Printhead Chip With Planar Actuators   | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          |  | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10882773 7022250 150                                | 07/02/2004               | Method Of Fabricating An Ink Jet Printhead Chip With Differential Expansion Actuators  | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10884881 Not Issued 25                              | 07/06/2004               | Dithering Unit For Multi-Segment Printhead   | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          |  | Silverbrook, Kia                     |
| 10884885 Not Issued 19                              |                          |  | Sitverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10884888 6938991 150                                | 07/06/2004               | Thermal Bend Actuator With Spatial Thermal Pattern   | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10893374 6969162 150                                | 07/19/2004               | Printhead Assembly With An Ink Supply Assembly And A Support Structure   | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          |  | Silverbrook, Kia                     |
| 10893378 6994425 150                                | 07/19/2004               | Ink Jet Printhead That Includes Tilt-Compensating Ink Ejection Ports   | Silverbrook, Kia                     |
|   |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          | Method Of Assembling An Inkjet Printhead Assembly  | Silverbrook, Kia                     |
| 10893386 6846059 150                                | 07/19/2004               | Ink Jet Printhead Assembly   | Silverbrook, Kia                     |
| 10898214 Not Issued 30<br>10900127 Not Issued 80    |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          |  | Silverbrook, Kia                     |
| 10901154 Not Issued 20                              | 07/29/2004               | Interactive Printer For Printing A Coded Interface   | Silverbrook, Kia                     |
| 10902852 Not Issued 41<br>10913325 Not Issued 71    |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10913328 Not Issued 71                              |                          | Registration Network Including Printer As Base Station   | Silverbrook, Kia                     |
| 10913340 Not Issued 25                              |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10913341 6997626 150<br>10913342 6962409 150        |                          |  | Silverbrook, Kia                     |
| 10913343 Not Issued 71                              | 08/09/2004               | Modular Printhead Assembly With Manually Adjustable Printhead Modules  | Silverbrook, Kia                     |
| 10913349 6962410 150                                | 08/09/2004               |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10913350 Not Issued 71<br>10913352 7033008 150      |                          | Ink Reservoir For Printhead Chip   | Silverbrook, Kia                     |
| 10913372 Not Issued 30                              | 08/09/2004               | Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   | Silverbrook, Kia                     |
| 10913373 Not Issued 30<br>10913374 Not Issued 20    |                          |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10913375 Not Issued 30                              |                          | Method Of Minimizing Absorption Of Visible Light In Infrared Dyes  | Silverbrook, Kia                     |
| 10913376 Not Issued 30                              |                          | O) III III II   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10913377 Not Issued 90<br>10913378 Not Issued 80    |                          |  | Silverbrook, Kia                     |
| 10913379 Not Issued 30                              | 08/09/2004               | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes  | Silverbrook, Kia                     |
| 10913380 Not Issued 30                              | 08/09/2004               | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine   | Silverbrook, Kia                     |
| 10913381 Not Issued 95                              | 08/09/2004               | Dyes Synthetically Expedient Water-Dispersible Ir Dyes   | Silverbrook, Kia                     |
| 10917355 6938826 150                                | 08/13/2004               | Interface Surface Having Coded Data With Predetermined Pattern   | Silverbrook, Kia                     |
| 10917356 Not Issued 71<br>10917436 Not Issued 20    | 08/13/2004               | System For Retrieving And Playing Mp3 Files Mobile Telecommunication Device With Integral Printer Mechanism And Sensing Means  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10917465 Not Issued 71                              | 08/13/2004               | Substrate For Use With Audio File Player   | Silverbrook, Kia                     |
| 10917466 Not Issued 71                              | 08/13/2004               | System For Retrieving And Playing Audio Files  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10917467 Not Issued 83<br>10917468 Not Issued 71    |                          | Mp3 Player With Code Sensor Audio Player With Sensing Device   | Silverbrook, Kia                     |
| 10919241 7081974 150                                | 08/17/2004               | Handheld Mobile Communications Device With Integral Internal Printer Incorporating Capping Mechanism   | Silverbrook, Kia                     |
| 10919242 Not Issued 41                              | 08/17/2004               | Handheld Mobile Communications Device With Integral Internal Printer Incorporating A Receptacle For An Ink Cartridge   | Silverbrook, Kia                     |
| 10919243 Not Issued 71                              | 08/17/2004               | Handheld Mobile Communications Device With Integral Internal Printer, Incorporating A Receptacle With An Authentication  | Silverbrook, Kia                     |
|   |                          | Interface  |                                      |
| 10919249 Not Issued 30<br>10919260 Not Issued 168   | 08/17/2004<br>08/17/2004 | Digital Camera That Incorporates An Authentication Arrangement For Application To Consumable Print Rolls Accuracy In Searching Digital Ink   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10919261 Not Issued 19                              | 08/17/2004               | Natural Language Recognition Using Distributed Processing  | Silverbrook, Kia                     |
| 10919366 Not Issued 71                              |                          | Handheld Mobile Communications Device With Integral Internal Printer And Drive Means For Business Card Printing  | Silverbrook, Kia                     |
| 10919379 Not Issued 30<br>10919380 Not Issued 71    | 08/17/2004               | Sensing Device With Inductive Charging Handheld Mobile Communications Device With A Detachable Printing Mechanism And Receptacle Having An Interface   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |                          |  |                                      |
| 10919381 Not Issued 71                              | 08/17/2004               | Handheld Mobile Communications Device With An Image Sensor And A Detachable Printing Mechanism  Handheld Mobile Communications Device With A Detachable Printing Mechanism And A Slot For Print Media          | Silverbrook, Kia<br>Silverbrook, Kia |
| 10919382 Not Issued 71<br>10919383 Not Issued 71    | 08/17/2004               | Handheld Mobile Communications Device With A Detachable Printing Mechanism And A Slot For Print Media  Handheld Mobile Communications Device With A Detachable Printing Mechanism And A Dispenser Interface    | Silverbrook, Kia                     |
| 10920197 7021758 150                                | 08/18/2004               | Personal Digital Assistant With Integrated Printer Including A Receptacle For Receiving An Ink Cartridge   | Silverbrook, Kia                     |
| 10920218 6967750 150<br>10920219 Not Issued 100     |                          | Hand Held Mobile Communications Device With An Image Sensor And A Printer Including A Capping Mechanism Hand Held Mobile Communications Device With An Image Sensor, A Printer And A Business-Card Sized Slot  | Silverbrook, Kia                     |
| 10920220 6995876 150                                | 08/18/2004               |  | Silverbrook, Kia                     |
|   |                          | Second Positions   | Situathmek Kia                       |
| 10920221 Not Issued 71                              | 08/18/2004               | Hand Held Mobile Communications Device With An Image Sensor, A Printer And A Receptacle For Receiving An Ink<br>Certridge  | Silverbrook, Kia                     |
| 10920225 Not Issued 93                              | 08/18/2004               | Hand Held Mobile Communications Device With An Image Sensor, A Printer And An Interface For Interrogating An   | Silverbrook, Kia                     |
|   | 00/40/000                | Authentication Mechanism Of A Cartridge Inserted Into The Receptacle   | Silverbrook, Kia                     |
| 10920229 Not Issued 71<br>10920230 Not Issued 71    |                          | Handheld Mobile Communications Device With Integral Internal Printer Incorporating Media Slot And Drive Means Handheld Mobile Communications Device With Integral Internal Printer And An Image Capture Device | Silverbrook, Kia                     |
| 10920251 7033017 150                                | 08/18/2004               | Personal Digital Assistant With Integrated Printer With Cutter Assembly  | Silverbrook, Kia                     |
| 10920280 Not Issued 93<br>10920283 Not Issued 20    | 08/18/2004               | Hand Held Mobile Communications Device With An Image Sensor, A Printer And A Print Media Slot Personal Digital Assistant With Internal Printer Having Capping Mechanism  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10920284 Not Issued 30                              |                          | Personal Digital Assistant With Internal Printer And A Body Section Connected Through A Hinge Joint  | Silverbrook, Kia                     |
|   |                          |  |                                      |

| 1092028<br>1092028   |   | T   |  |   |  |
|--|---|---|--|---|--|
| 1092028  |   | _   | Date Filed   |   | Inventor Name  |
|  | 5 Not Issued  |   | 08/18/2004   | Personal Digital Assistant With Internal Printer And User Interface Video Gaming Device With Integral Printer For Printing Gaming Images At Least Partially Based On At Least Some Of Th  | Silverbrook, Kia   |
| 1092028  | o Not issued  | ′1  | 08/18/2004   | Display Images  | Bilverbrook, Kla   |
|  | 7 Not Issued  | 71  | 08/18/2004   | Video Gaming Device With Integral Printer And Ink And Print Media Cartridge   | Silverbrook, Kia   |
|  | 8 Not Issued  |   | 08/18/2004   | Personal Digital Assistant Terminal With Internal Printer And A Receptacle For Receiving A Cartridge Containing At Least  |  |
|  |   |   |  | One Ink   |  |
| 1092037  | 1 7075684   | 150   | 08/18/2004   | Handheld Mobile Communications Device With A Detachable Printing Mechanism And A Receptacle Having An Interface   | Silverbrook, Kia   |
|  |   | -   | 201101000  | That Enables Authentication Of The Printing Mechanism   | Silverbrook, Kia   |
|  | 2 Not Issued<br>7 6981769   |   | 08/18/2004   | Handheld Mobile Communications Device With Integral Internal Printer Incorporating Media Slot Personal Digital Assistant With Internal Printer Having A Media Feed Mechanism  | Silverbrook, Kia   |
|  | 6 Not Issued  |   |  |   | Silverbrook, Kia   |
|  | 2 Not Issued  |   | 08/23/2004   | Display Device Having A Flat Panel Display And A Print Media Path In A Plane That Is Substantially Parallel To A Plane  | Silverbrook, Kia   |
| 10022011   | 71101133333   | -   | 00.20.2001   | Defined By The Flat Panel Display   |  |
|  | 3 Not Issued  |   | 08/23/2004   | Display Device Having Print Media Path Parallel To Plane Of Flat Panel Display In At Least One Direction  | Silverbrook, Kia   |
|  | 5 Not Issued  |   |  |   | Silverbrook, Kia   |
|  | 6 Not Issued  |   | 08/23/2004   |   | Silverbrook, Kia   |
|  | 8 Not Issued  |   |  | Display Device Configured Such That An Edge Of Print Media Is Visible Above An Upper Edge Of The Device   | Silverbrook, Kia   |
|  | 1 Not Issued  |   | 08/23/2004   |   | Silverbrook, Kia<br>Silverbrook, Kia   |
|  | 2 Not Issued<br>3 Not Issued  |   | 08/23/2004   | Inkjet Nozzle With Resiliently Biased Ejection Actuator Inkjet Nozzle With Cmos Compatible Actuator Voltage   | Silverbrook, Kia   |
|  | 4 Not Issued  |   |  | Inkjet Nozzle Chamber With Single Inlet And Plurality Of Nozzles  | Silverbrook, Kia   |
|  | 5 Not Issued  |   | 08/23/2004   | Inkjet Nozzle Chamber With Electrostatically Attracted Plates   | Silverbrook, Kia   |
|  | 6 Not Issued  |   |  | Inkjet Chamber With Ejection Actuator Between Inlet And Nozzle  | Silverbrook, Kia   |
|  | 7 Not Issued  |   | 08/23/2004   | Inkjet Nozzle With Ink Feed Channels Etched From Back Of Wafer  | Silverbrook, Kia   |
|  | 8 Not Issued  |   |  | Inkjet Nozzle Array With Individual Feed Channel For Each Nozzle  | Silverbrook, Kia   |
|  | 9 Not Issued  |   |  | Inkjet Printhead With Narrow Printing Zone  | Silverbrook, Kia   |
|  | O Not Issued  |   |  | Inkjet Printhead With Thermal Bend Arm Exposed To Ink Flow  | Silverbrook, Kia<br>Silverbrook, Kia   |
|  | 1 Not Issued<br>2 Not Issued  |   |  | Inkjet Nozzle With Ink Supply Channel Parallel To Drop Trajectory Inkjet Nozzle With Supply Duct Dimensioned For Viscous Damping  | Silverbrook, Kia   |
|  | 3 Not Issued  |   |  | Inkjet Nozzle With Long Ink Supply Channel  | Silverbrook, Kia   |
|  | 4 Not Issued  |   |  | Inkjet Nozzie Chamber Holding Two Fluids  | Silverbrook, Kia   |
|  | 5 Not Issued  |   | 08/23/2004   | Inkjet Printer With Low Nozzle To Chamber Cross-Section Ratio   | Silverbrook, Kia   |
| 1092288  | 6 Not Issued  | 30  | 02/28/2005   | Inkjet Nozzle With Individual Ink Feed Channels Etched From Both Sides Of Wafer   | Silverbrook, Kia   |
| 1092288  | 7 Not Issued  | 30  | 08/23/2004   | Inkjet Chamber With Aligned Nozzle And Inlet  | Silverbrook, Kia   |
|  | 8 Not Issued  |   |  | Inkjet Chamber With Plurality Of Nozzles  | Silverbrook, Kia   |
|  | 9 Not Issued  |   |  | Inkjet Printer With Low Droplet To Chamber Volume Ratio   | Silverbrook, Kia   |
|  | O Not Issued  |   |  | Nozzle With Reciprocating Plunger   | Silverbrook, Kia   |
|  | 2 Not Issued<br>8 Not Issued  |   |  | Display Device Having Pagewidth Printer Display Device Having Pagewidth Printhead Adjacent Lower Edge Of Housing  | Silverbrook, Kia   |
|  | O Not Issued  |   | 08/23/2004   | Display Device For Use As A Computer Monitor In An Operative Position Between 0 And 45 Degrees To Vertical  | Silverbrook, Kia   |
|  | 1 Not Issued  |   |  | Display Device Having Gravity-Fed Sheet Feeder  | Silverbrook, Kia   |
|  | 7 6929350   |   | 08/23/2004   | Method Of Fabricating Nozzle Arrangements For An Inkjet Printhead Chip  | Silverbrook, Kia   |
| 1092305  | 2 6994420   | 150   | 08/23/2004   | Print Assembly For A Wide Format Pagewidth Inkjet Printer, Having A Plurality Of Printhead Chips  | Silverbrook, Kia   |
| 1093204  | 4 Not Issued  | 20  | 09/02/2004   | Cartridge With Identifiers  | Silverbrook, Kia   |
| 1093326  |   |   |  | Printing Assembly For An Inkjet Printer   | Silverbrook, Kia   |
| 1093328  |   |   |  | Ink Cartridge With Motive Means   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 1093328  | 5 7011128<br>6 Not Issued   |   | 09/03/2004   | Printer With Binding Assembly Micro-Electromechanical Fluid Ejection Device With Guided Actuator Movement   | Silverbrook, Kia   |
|  | 8 Not Issued  |   | 09/15/2004   | Computer System For Providing User Interaction Via An Interface Surface   | Silverbrook, Kia   |
| 1094384  |   |   | 09/20/2004   | Viewer Configured To Display, And Method Of Displaying, Information On A Display To At Least Partially Take Into Account  |  |
|  |   |   |  | A Position Of The Viewer Relative To A Surface  |  |
| 1094384  |   |   |  | Thermally Actuated Printhead Unit Having Inert Gas Operating Environment  | Silverbrook, Kia   |
| 1094384  |   |   |  | Printer Having An Inert Gas Supply Arrangement  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 1094384  |   |   |  | Fluid Ejection Device Positionally Stable Array Of Abutting Integrated Chips On A Printhead   | Silverbrook, Kia   |
| 1094384  | 9 Not Issued  |   |  | Sensing Device Having An Image Sensor And A Movement Sensor   | Silverbrook, Kia   |
|  | 0 7013641   |   |  | Micro-Electromechanical Device  | Silverbrook, Kia   |
|  | 6 Not Issued  |   |  | Sensing Device  | Silverbrook, Kia   |
|  | 3 Not Issued  |   |  | System For Aligning A Plurality Of Printhead Modules  | Silverbrook, Kia   |
|  | 4 Not Issued  |   |  | Computer System For Notetaking Using Sensor For Sensing Coded Data  | Silverbrook, Kia   |
| 1094387  |   |   |  | Notetaking System Incorporating Coded Data Sensor   | Silverbrook, Kia   |
| 1094387  |   |   |  | Printhead Assembly Arranged Within A Media Tray Assembly Sensing Device Having An Image Sensor For Sensing And Capturing Images Of Coded Data   | Silverbrook, Kia   |
|  | 8 Not Issued<br>1 6994421   |   |  | Pagewidth Printhead Array With Abutting Print Chips   | Silverbrook, Kia   |
|  | Not Issued  |   |  | Paper Cartridge For Camera Having Detachable Printer Unit   | Silverbrook, Kia   |
|  | 3 Not Issued  |   | 09/20/2004   | Camera And Print Unit With Detachable Interface   | Silverbrook, Kia   |
|  | 4 Not Issued  |   | 09/20/2004   | Camera Having Socket For Receiving Detachable Printer Unit  | Silverbrook, Kia   |
|  | 5 Not Issued  |   | 09/20/2004_  | Camera And Printer Having Slidably Detachable Interface   | Silverbrook, Kia   |
|  | 6 Not Issued  |   |  | Camera And Detachable Printer Unit  | Silverbrook, Kia   |
|  | 6913347<br>5 7028474  |   |  | Inkjet Printhead Chip With Trace Orientation To Enhance Performance Characteristics  Micro-Electromechanical Actuator With Control Logic Circuitry  | Silverbrook, Kia   |
|  | 8 6923527   |   |  | Integrated Circuit Device For Ink Ejection  | Silverbrook, Kia   |
|  | 8 Not Issued  |   |  | Notetaking Method Incorporating Coded Data Sensor   | Silverbrook, Kia   |
|  | 1 Not Issued  |   |  | Ink Drop Printer With Print Engine Controller   | Silverbrook, Kia   |
|  | 2 Not Issued  |   |  | Computer System For Delivering A Brochure Including Coded Data  | Silverbrook, Kia   |
| 1094404  | 3 Not Issued  | 19  | 09/20/2004   | Printer For Composing And Delivering Electronic Mail  | Silverbrook, Kia   |
|  | 6954254   |   |  | Printing Cartridge With Ink And Print Media Supplies  | Silverbrook, Kia   |
|  | 7 Not Issued  |   |  | Method For Sensing The Orientation Of An Object   | Silverbrook, Kia<br>Silverbrook, Kia   |
|  | 9 Not Issued  |   |  | Method For Sensing The Orientation Of An Object Orientation Sensing Device  | Silverbrook, Kia   |
|  | B Not Issued  |   |  | Universal Pen With Position Or Motion Sensing   | Silverbrook, Kia   |
| 1094825  | 1 6988841   |   | 09/27/2004   | Pagewidth Printer That Includes A Computer-Connectable Keyboard   | Silverbrook, Kia   |
| 1094825<br>1094928   |   |   |  | Data Projector With Printhead   | Silverbrook, Kia   |
| 1094825<br>1094928   |   | 20  | 09/27/2004   | Method For Interacting With An Internet Webpage Via A Corresponding Printed Page  | Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929   | 3 Not Issued  |   | 09/27/2004   | Wall Mounted Printer With Binding Assembly  | Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094930   | 3 Not Issued<br>7 Not Issued  |   |  | Micro-Electromechanical Actuator That Includes Drive Circuitry  | Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094930<br>1094934                                  | 3 Not Issued<br>7 Not Issued<br>4 7032997   | 150_  |  |   |  |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094930<br>1094934                                  | 3 Not Issued<br>7 Not Issued<br>4 7032997<br>6 6969142  | 150<br>150  | 09/27/2004   | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device   | Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094930<br>1094934<br>1094934                       | 7 Not Issued<br>7 Not Issued<br>4 7032997<br>6 6969142<br>7 7004566   | 150<br>150<br>150   | 09/27/2004<br>09/27/2004   | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkjet Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094930<br>1094934<br>1094934<br>1094934<br>1094934            | Not Issued<br>77 Not Issued<br>4 7032997<br>6 6969142<br>7 7004566<br>8 7008043   | 150<br>150<br>150<br>150  | 09/27/2004<br>09/27/2004<br>09/27/2004   | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkjet Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms Levered Print Head Module Adjustment System   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094934<br>1094934<br>1094934<br>1094934<br>1094934 | 3 Not Issued<br>7 Not Issued<br>4 7032997<br>6 6969142<br>7 7004566<br>8 7008043<br>19 6988845  | 150<br>2 150<br>5 150<br>3 150<br>5 150                                       | 09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004   | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkjet Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms Levered Print Head Module Adjustment System Modular Commercial Printer  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094929<br>1094934<br>1094934<br>1094934<br>1094934<br>1094934 | 03 Not Issued<br>07 Not Issued<br>14 7032997<br>16 6969142<br>17 7004566<br>18 7008043<br>19 6988845<br>60 7008818                            | 150<br>2 150<br>3 150<br>3 150<br>5 150<br>9 150                              | 09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004   | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkiel Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms Levered Print Head Module Adjustment System Modular Commercial Printer Method Of Fabricating An Array Of Wafer Scale Polymeric Ceps   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia                     |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094930<br>1094934<br>1094934<br>1094934<br>1094934            | 03 Not Issued<br>07 Not Issued<br>14 7032997<br>16 6969142<br>17 7004566<br>18 7008043<br>19 6988845<br>60 7008818<br>66 6910755              | 7 150<br>2 150<br>3 150<br>3 150<br>5 150<br>5 150<br>5 150                   | 09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004               | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkjet Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms Levered Print Head Module Adjustment System Modular Commercial Printer Method Of Fabricating An Array Of Wafer Scale Polymeric Ceps Micro-Electromechanical Fluid Ejection Device Having An Integrated Movement Sensor Manually Alignment Mechanism For Printhead Modules | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia |
| 1094825<br>1094928<br>1094929<br>1094929<br>1094934<br>1094934<br>1094934<br>1094934<br>1094935<br>1094935 | 33 Not Issued<br>77 Not Issued<br>44 7032997<br>66 6969142<br>77 7004566<br>99 698844<br>90 7008815<br>66 6910755<br>77 7011393<br>98 6938994 | 7 150<br>2 150<br>3 150<br>3 150<br>5 150<br>5 150<br>6 150<br>6 150<br>6 150 | 09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004<br>09/27/2004 | Method Of Detecting A Fault Condition In A Micro-Electromechanical Device Inkjet Printhead Chip That Incorporates Micro-Mechanical Lever Mechanisms Levered Print Head Module Adjustment System Modular Commercial Printer Method Of Fabricating An Array Of Wafer Scale Polymeric Ceps Micro-Electromechanical Fluid Ejection Device Having An Integrated Movement Sensor  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia                     |

| AII-stine# Detent#                       | Ctature | Data Filed                              | I via.   | Inventor Name                        |
|--|---------|---|--|--------------------------------------|
| Application# Patent#<br>10949406 700456  |         |   | Pagewidth Inkjet Printhead Incorporating An Array Of Nozzle Arrangements   | Silverbrook, Kia                     |
| 10954168 Not Issue                       |         | 10/01/2004                              |  | Silverbrook, Kia                     |
| 10954170 Not Issue                       |         | 10/01/2004                              | Method Of Conferencing Between Two Or More Remote Conference Participants Via An Interactive Conference Form                           | Silverbrook, Kia                     |
|  | .       |   |  |                                      |
| 10957718 Not Issue                       |         |   | Micro-Electromechanical Device For Dispensing Fluid  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10959049 Not Issue<br>10959135 Not Issue |         | 10/07/2004                              | Printhead Wafer Etched From Opposing Sides  Printhead Wafer With Individual Ink Feed To Each Nozzle                                    | Silverbrook, Kia                     |
| 10959135 Not 15509                       |         | 10/13/2004                              | Micro-Electromechanical Fluid Ejecting Device That Incorporates A Covering Formation For A Micro-Electromechanical                     | Silverbrook, Kia                     |
| 10302334 034070                          | 7.55    | 10,10,2004                              | Actuator   |                                      |
| 10962397 Not Issue                       | d 61    | 10/13/2004                              |  | Silverbrook, Kia                     |
| 10962399 Not Issue                       |         | 10/13/2004                              |  | Silverbrook, Kia                     |
| 10962400 Not Issue                       |         |   | Universal Pen With Image Sensor  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10962402 Not Issue                       |         |   | Composite Heating System For Use In A Web Printing System Ink Fluid Delivery System For A Printer                                      | Silverbrook, Kia                     |
| 10962403 Not Issue<br>10962404 Not Issue |         |   | Data Storage Device Incorporating A Two-Dimensional Code   | Silverbrook, Kia                     |
| 10962409 Not Issue                       |         |   | Printhead Assembly For A Web Printing System   | Silverbrook, Kia                     |
| 10962410 Not Issue                       | d]30    |   | Mobile Web Printer   | Silverbrook, Kia                     |
| 10962412 Not Issue                       |         |   | Printer For Generating A Coded Interface   | Silverbrook, Kia                     |
| 10962413 Not Issue                       |         |   | Web Printing System  | Silverbrook, Kia                     |
| 10962414 699745<br>10962415 Not Issue    |         | 10/13/2004                              | Method Of Printing, Stacking And Binding Pages  Pagewidth Inkjet Printhead Assembly With Actuator Drive Circuitry                      | Silverbrook, Kia                     |
| 10962416 Not Issue                       |         |   | Media Web Carridge For A Printing System   | Silverbrook, Kia                     |
| 10962417 Not Issue                       |         |   | Method Of Printing On-Demand Patterned Media   | Silverbrook, Kia                     |
| 10962418 Not Issue                       | d 30    |   | Method Of On-Demand Printing   | Silverbrook, Kia                     |
| 10962425 Not Issue                       |         |   | Method Of Drying Printed Media   | Silverbrook, Kia                     |
| 10962426 Not Issue                       |         |   | Patterned Media Produced By A Printing System  Cobinet For A Web Bridge System   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10962427 Not Issue                       |         |   | Cabinet For A Web Printing System  Container For Receiving Printed Web   | Silverbrook, Kia                     |
| 10962428 Not Issue<br>10962510 Not Issue |         |   | Interactive Printer  | Silverbrook, Kia                     |
| 10962511 Not Issue                       |         |   | Drying System For Use In A Printing System   | Silverbrook, Kia                     |
| 10962522 Not Issue                       | d 30    | 10/13/2004                              | Printhead Tile For Use In A Printing System  | Silverbrook, Kia                     |
| 10962523 Not Issue                       |         |   | Printhead Assembly With Communications Module  | Silverbrook, Kia                     |
| 10962524 Not Issue                       |         |   | Printer With A Mems Printhead  Printer Code de la Cuyling Lafrared Absorbing lak   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10962552 Not Issue<br>10962553 697421    |         |   | Printer Carridge Including Infrared Absorbing Ink Thermal Ink Jet Printhead With Low Density Heaters                                   | Silverbrook, Kia                     |
| 10963542 Not Issue                       |         |   | Image Processing And Printing Apparatus  | Silverbrook, Kia                     |
| 10963559 699753                          |         | 10/14/2004                              | Method Of Detecting A Fault In A Micro-Electromechanical Device  | Silverbrook, Kia                     |
| 10963567 691609                          | 1 150   | 10/14/2004                              | Ink Chamber Suitable For An Ink Supply System In A Portable Printer  | Silverbrook, Kia                     |
| 10965717 696874                          |         |   | Capacitative Pressure Sensor With Close Electrodes   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10965718 Not Issue                       |         |   | Capacitative Pressure Sensor   | Silverbrook, Kia                     |
| 10965733 Not Issue<br>10965746 Not Issue |         |   | Document Supply Control Pressure Sensor With Laminated Membrane  | Silverbrook, Kia                     |
| 10965747 Not Issue                       |         |   | Pressure Sensor With Apertured Membrane Guard  | Silverbrook, Kia                     |
| 10965751 704309                          |         | 10/18/2004                              | Contact Sensing Device   | Silverbrook, Kia                     |
| 10965772 Not Issue                       |         | 10/18/2004                              | Printhead With Segments And Compensation For Temperature Induced Misalignments   | Silverbrook, Kia                     |
| 10965899 Not Issue                       |         |   | Pressure Sensor With Remote Power Source   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10965901 Not Issue                       |         |   | Pressure Sensor For High Acceleration Evironment   | Silverbrook, Kia                     |
| 10965902 Not Issue<br>10965903 Not Issue |         | 10/18/2004                              | Temperature Insensitive Pressure Sensor Pressure Sensor With Conductive Ceramic Membrane   | Silverbrook, Kia                     |
| 10965904 Not Issue                       |         |   | Wafer Bonded Pressure Sensor   | Silverbrook, Kia                     |
| 10965913 698645                          |         |   | System For Providing A Document Associated With A Video Signal   | Silverbrook, Kia                     |
| 10965922 Not Issue                       | d 95    | 10/18/2004                              | Micro-Electromechanical Pressure Sensor  | Silverbrook, Kia                     |
| 10965927 Not Issue                       |         |   | Pressure Sensor With Non-Planar Membrane   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10965928 Not Issue                       |         |   | Pressure Sensor With Thin Membrane   | Silverbrook, Kia                     |
| 10965933 Not Issue<br>10968121 700456    |         |   | Cartridge With Identifiers  Micro-Electromechanical Device With Built-In Fault Detection   | Silverbrook, Kia                     |
| 10968897 Not Issue                       | d 168   |   | Ink Supply System With Integrated Data And Power Supply  | Silverbrook, Kia                     |
| 10968905 Not Issue                       |         |   | Ink Supply System With Breather Openings   | Silverbrook, Kia                     |
| 10968906 Not Issue                       | d 168   |   | Ink Supply System For Multiple Ink Printing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10968916 Not Issue                       |         |   | Ink Supply System For A Portable Printer   | Silverbrook, Kia                     |
| 10968920 702910                          |         | 10/21/2004                              | Stable Support Arrangement For Printhead  Method Of Fabricating A Micro-Electromechanical Fluid Ejection Device                        | Silverbrook, Kia                     |
| 10968921 698620<br>10968922 706657       |         | 10/21/2004                              | Micro-Electromechanical Fluid Ejection Device Having A Buckle-Resistant Actuator   | Silverbrook, Kia                     |
| 10968923 69578                           |         | 10/21/2004                              | Printer Incorporating Two Part Adhesive Applicator And Binder  | Silverbrook, Kia                     |
| 10969121 Not Issue                       | d 93    | 10/21/2004                              | Printhead Suitable For A Universal Pen   | Silverbrook, Kia                     |
| 10971051 Not Issue                       | d 71    | 10/25/2004                              | Method Of Generating A User Interface For A Computer System  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10971145 Not Issue                       |         | 10/25/2004                              | User Interface For A Networked Printer And Computer System Apparatus For Performing Computer-Based Operations Via Networked Computer   | Silverbrook, Kia                     |
| 10971146 Not Issue<br>10974729 704456    | 14 150  |   | Mide Format Pagewidth Inkjet Printer   | Silverbrook, Kia                     |
| 10974729 704450<br>10974730 Not Issue    |         | 10/28/2004                              | Method And Assembly For Determining A Route  | Silverbrook, Kia                     |
| 10974731 69212                           |         |   | Combination Keyboard And Printer Apparatus   | Silverbrook, Kia                     |
| 10974742 Not Issue                       | d 30    | 10/28/2004                              | Digital Camera With Interactive Printer  | Silverbrook, Kia                     |
| 10974751 696662                          |         | 10/28/2004                              |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10974758 695329<br>10974764 692358       |         | 10/28/2004                              | Small Footprint Computer System  Computer Keyboard With Integral Printer   | Silverbrook, Kia                     |
| 10974765 691870                          |         | 10/28/2004                              |  | Silverbrook, Kia                     |
| 10974766 70775                           |         | 10/28/2004                              | Printer And Keyboard Combination   | Silverbrook, Kia                     |
| 10974881 Not Issue                       | d 30    | 10/28/2004                              | Printhead Assembly Comprised Of A Plurality Of Printhead Modules   | Silverbrook, Kia                     |
| 10974885 70290                           |         | 10/28/2004                              |  | Silverbrook, Kia<br>Silverbrook, Kia |
| 10975407 Not Issue<br>10975422 70777     | 0 20    | 10/29/2004                              | Printer Controller Integrated Circuit Interactive Information Device With Integral Printer   | Silverbrook, Kia                     |
| 10975422 707774<br>10975452 Not Issue    |         |   | Print Data Compression Method And Printer Diver  | Silverbrook, Kia                     |
| 10975457 Not Issue                       |         |   | Print Engine With Air-Cleaned Printhead  | Silverbrook, Kia                     |
| 10975458 Not Issue                       |         | 10/29/2004                              | Modular Image Capture And Printing System  | Silverbrook, Kia                     |
| 10975489 Not Issue                       | d 41    | 10/29/2004                              | Video Display Device With Onboard Hardcopy Capability  | Silverbrook, Kia                     |
| 10975765 Not Issue                       |         | 10/29/2004                              | Integrated Circuit With Tamper Detection Circuit   | Silverbrook, Kia                     |
| 10975930 Not Issue                       |         | 10/29/2004                              | Inkjet Printhead Feedback Processing Arrangement  Method And Apparatus For Protecting A Print Engine Assembly From Print Media Pulling | Silverbrook, Kia<br>Silverbrook, Kia |
| 10976081 Not Issue<br>10980184 Not Issue |         |   | Image Data Manipulation System   | Silverbrook, Kia                     |
| 10980187 70792                           | 92 150  | 11/04/2004                              | Modular Mobile Phone With Integrated Printer   | Silverbrook, Kia                     |
| 10980224 Not Issue                       |         | 11/04/2004                              | Printer Cellular Phone   | Silverbrook, Kia                     |
| 10980233 Not Issue                       | d 71    | 11/04/2004                              | Printer With An Ink Drying Arrangement   | Silverbrook, Kia                     |
| 10980275 Not Issue                       |         |   | Printing Cartridge That Incorporates A Sheet Transport Mechanism   | Silverbrook, Kia                     |
| 10980277 Not Issue                       |         |   | Print Engine For A Pagewidth Inkjet Printer  Data Card Reader  | Silverbrook, Kia                     |
| 10980654 Not Issue                       |         | 111111111111111111111111111111111111111 | HIGHALIATO REMORE  | LOW-OLDIOON, ING                     |

|              | 5 4 40                   | <b>.</b> . |            |   | I Inventor None                      |
|--------------|--------------------------|------------|------------|---|--------------------------------------|
| Application# |                          |            |            |   | Inventor Name<br>Silverbrook, Kia    |
|              | Not Issued<br>Not Issued |            | 11/05/2004 | System For Performing Data Searches On A Network System For Facilitating Searches For Data Stored On A Network  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Method Of Performing Data Searches On A Network   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Method Of Enabling Internet-Based Requests For Information  | Silverbrook, Kia                     |
|              | Not Issued<br>7063408    |            |            | Ink Jet Printhead Incorporating A Plurality Of Nozzle Arrangement Having Backflow Prevention Mechanisms   | Silverbrook, Kia<br>Silverbrook, Kia |
|              | 7053408                  |            |            | Print Media And Ink Supply Cartridge  Mems Device Having Formations For Covering Actuators Of The Device  | Silverbrook, Kia                     |
|              | 7001008                  |            |            | Printhead Assembly For Inhibiting Particle Build-Up On Nozzles  | Silverbrook, Kia                     |
| 10982789     | Not Issued               | 95         | 11/08/2004 | Micro-Electromechanical Fluid Ejection Device That Incorporates A Shape Memory Alloy Based Actuator   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Platen For A Print On Demand Digital Device   | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued<br>7032996    |            |            | Modular Electronic Device Printhead Assembly With Electrical Connection Arrangement   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Method Of Operating A Camera Timing Module  | Silverbrook, Kia                     |
| 10982834     | Not Issued               | 25         |            | Printed Media With Machine Readable Markings  | Silverbrook, Kia                     |
|              | Not Issued               |            | 11/08/2004 | Double-Sided Print Engine Assembly  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | 6942315<br>Not Issued    |            |            | Inkjet Printhead Having Nozzle Guard With Formations For Proper Alignment Method Of Printing An Interface Onto A Surface Using A Complementary Ink Set    | Silverbrook, Kia                     |
|              | Not Issued               |            | 11/08/2004 | Authorization Protocol For Network Publishing   | Silverbrook, Kia                     |
| 10983018     | Not Issued               | 20         | 11/08/2004 | Printer For Printing An Interface Onto A Surface Using A Complementary Ink Set  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Publishing Network  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued<br>Not Issued |            |            | Data Distribution Method Print Media Roll And Ink Supply Cartridge  | Silverbrook, Kia                     |
| 10988330     | 7059695                  | 150        |            | Print Engine For A Pagewidth Inkjet Printer   | Silverbrook, Kia                     |
| 10986337     | Not Issued               | 41         | 11/12/2004 | Method Of Searching Stored Information Using An Interactive Search Request Form   | Silverbrook, Kia                     |
|              | 7055940                  |            |            | Pagewidth Printhead Assembly With A Thermal Equalization Structure  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | 6982184<br>7000913       |            |            | Method Of Fabricating Mems Devices On A Silicon Wafer Pre-Glued Page Stacking And Binding Mechanism   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Optical Fiber Terminator Package  | Silverbrook, Kia                     |
| 10986364     | 7077490                  | 150        | 11/12/2004 | Micro-Electromechanical Actuator Assembly With Heat Conductive Pathways   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Digital Camera With Interactive Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10986402     | Not Issued<br>7017823    | 150        |            | Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness Region Encoding Using A Plurality Of Tags                                 | Silverbrook, Kia                     |
|              | 7017823                  |            | 11/12/2004 | Region Encoding Using Substantially Undifferentiated Marks  | Silverbrook, Kia                     |
| 10988759     | Not Issued               | 71         | 11/15/2004 | High Volume Printing Assembly   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Printhead Blotting Assembly   | Silverbrook, Kia<br>Silverbrook, Kia |
|              | 7070257<br>Not Issued    |            |            | Double-Sided Printer Printer Including Overlapping Elongate Printheads  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Printle ad Assembly   | Silverbrook, Kia                     |
|              | 6948870                  |            | 11/15/2004 | Print Media Loading Mechanism For A Printer   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Alignment Mechanism For A Printhead Module  | Silverbrook, Kia                     |
|              | 6988789                  |            |            | Thermal Ink Ejection Actuator  Printer Controller For A Mems-Based Page Width Inkjet Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued<br>Not Issued |            |            | Printle Controller For A Ments-Based Page Width mixet France:  Printlead Assembly That Incorporates A Capping Device                                      | Silverbrook, Kia                     |
|              | Not Issued               |            | 11/18/2004 | System For Browsing A Computer Network  | Silverbrook, Kia                     |
| 10990527     | Not Issued               | 30         |            | Printhead Assembly Incorporating An Ink Supply Arrangement And Printed Circuit Board  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued               |            |            | Assembly Of Inkjet Printhead Incorporating Testing Procedure  Transfer Roller Assembly For A Compact Printer  | Silverbrook, Kia                     |
|              | Not Issued<br>Not Issued |            |            | Wide Format Pagewidth Printer   | Silverbrook, Kia                     |
|              | Not Issued               |            | 11/22/2004 | Sensing Device For Enabling Interaction Between A Computer And A Form Printed On A Surface  | Silverbrook, Kia                     |
|              | 7032992                  |            |            | Inkjet Printer Using Meniscus Rim In Nozzle Chamber   | Silverbrook, Kia                     |
|              | Not Issued<br>Not Issued |            |            | Method For Ensuring Consistent Dot Size In An Inkjet Printhead  Printer With Speaker To Indicate Print Error Conditions                                   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Method And Apparatus For Compensating For Printhead Damage  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Print Media Air Drying Inkjet Printer   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Pivoting Camera   | Silverbrook, Kia<br>Silverbrook, Kia |
| 10992754     | Not Issued<br>Not Issued | 20         |            | Inkjet Printhead Capping Mechanism Inkjet Printhead Interface Circuit   | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Nozzle And Drive Circuitry Fabrication Method   | Silverbrook, Kia                     |
| 10992828     | Not Issued               | 61         | 11/22/2004 | Inkjet Printer Ink Volume Monitoring Arrangement  | Silverbrook, Kia                     |
| 11000936     | Not Issued               | 93         | 12/02/2004 | Inkjet Printhead Chip With Volume-Reduction Actuation   | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued               |            |            | Printhead Assembly Using A Fluidic Seal For Sealing A Nozzle Chamber Pomoia Printer   | Silverbrook, Kia                     |
|              | Not issued               |            |            | Testing Regime For A Micro-Electromechanical Device   | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/02/2004 | Document Having An Encoded Data Structure   | Silverbrook, Kia                     |
| 11001348     | 7032998                  | 150        |            | Ink Jet Printhead Chip That Incorporates Through-Wafer Ink Ejection Mechanisms  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Inkjet Printer With Simplex Printhead And Capping/Purging Mechanism Inkjet Printer With Prvotal Capping Member  | Silverbrook, Kia                     |
|              | Not Issued               |            | 01/01/0001 | Inkjet Printer With Laterally Displaceable Capping Mechanism  | Silverbrook, Kia                     |
| 11003362     | Not Issued               | 41         | 12/06/2004 | Edge Delta Runlength Expander Unit For Bi-Level Graphics  | Silverbrook, Kia                     |
| 11003363     | Not Issued               | 95         |            | Printer Controller With Printhead Feedback  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued<br>7025434    |            | 12/06/2004 | Compact Printer Housing Half Toner And Compositor Circuit For A Printer   | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/06/2004 | Inkjet Printer Programmed To Effect Pre-Printing Printhead Warming  | Silverbrook, Kia                     |
| 11003404     | Not Issued               | 30         | 12/06/2004 | Inkjet Printer With Arcuately Moveable Simplex Printhead And Capping Mechanism  | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/06/2004 | Inkjet Printer With Simplex Printhead And Capping Mechanism  Training Printer With Application Mayorable Simplex Printhead And Capping/Printing Machanism | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued               |            | 12/06/2004 | Inkjet Printer With Arcuately Moveable Simplex Printhead And Capping/Purging Mechanism Inkjet Printer Incorporating A Spool-Fed Flexible Capping Member   | Silverbrook, Kia                     |
|              | 6994424                  |            |            | Printhead Assembly Incorporating An Array Of Printhead Chips On An Ink Distribution Structure   | Silverbrook, Kia                     |
| 11003463     | Not Issued               | 30         | 12/06/2004 | Capping System For Inkjet Printhead Assembly  | Silverbrook, Kia                     |
|              | Not Issued               |            |            | Data Register Arrangement For An Inkjet Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11003485     | Not Issued               | 30         | 12/08/2004 | Compact Printer Roller Drive Assembly  Edge Delta Runlength (Edrl) Data Stream Decoder For Bi-Level Graphics  | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/06/2004 | Inkjet Printer With Offset Duplex Printhead And Capping Mechanism   | Silverbrook, Kia                     |
| 11003601     | Not Issued               | 30         | 12/06/2004 | Inkjet Printer With Arcuatety Moveable Duplex Printhead Assembly And Capping/Purging Mechanism  | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/06/2004 |   | Silverbrook, Kia<br>Silverbrook, Kia |
|              | Not Issued               |            | 12/06/2004 | Inkjet Printer With Turret Mounted Capping Mechanism Inkjet Printer With Interposing Printhead Capping Mechanism  | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/06/2004 |   | Silverbrook, Kia                     |
| 11003618     | Not Issued               | 30         | 12/06/2004 | Inkjet Printer With Turret Mounted Capping/Purging Mechanism  | Silverbrook, Kia                     |
| 11003619     | Not Issued               | 30         | 12/06/2004 | Protector For A Printhead Capping Facility  | Silverbrook, Kia<br>Silverbrook, Kia |
|              | 698401                   |            | 12/06/2004 |   | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/08/2004 |   | Silverbrook, Kia                     |
| 11003698     | Not issued               | 30         | 12/06/2004 | Inkjet Printer Incorporating A Flexible Capping Member  | Silverbrook, Kia                     |
|              | Not Issued               |            | 12/08/2004 | Capping Member For Inkjet Printer   | Silverbrook, Kia                     |

| T. 11 11 11 11 11 11 11 11                     | 04-4 | B-4- E1- 4 |  | Inventor Name                        |
|--|------|------------|--|--------------------------------------|
| Application# Patent# S                         |      |            |  | Silverbrook, Kia                     |
| 11003700 Not Issued 3<br>11003701 Not Issued 3 |      |            | Inkjet Printer With Arcuately Moveable Duplex Printhead Assembly And Capping System Capping System For Inkjet Printers Having Arcuately Moveable Printheads    | Silverbrook, Kia                     |
| 11003707 Not Issued 3                          |      |            | Two-Stage Capping Mechanism For Inkjet Printers  | Silverbrook, Kia                     |
| 11003786 Not Issued 3                          |      |            | Inkjet Printer With Capping Mechanism  | Silverbrook, Kia                     |
| 11006536 Not Issued 4                          |      | 12/08/2004 | Interactive Map Production   | Silverbrook, Kia                     |
| 11006577 Not Issued 3                          |      |            | Printing Of Redundantly Encoded Distributed Data   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11006663 Not Issued 2                          |      |            | Printer Including Firmware To Check Page Description Data Format   | Silverbrook, Kia                     |
| 11006710 Not Issued 9<br>11006719 Not Issued 2 |      |            | Feedback Arrangement For A Printer Having A Microelectromechanical Printhead  Printer Driver Software Product With Edge Runlength Encoder                      | Silverbrook, Kia                     |
| 11006720 Not Issued 3                          |      |            | Method For Avoiding Print Buffer Underun   | Silverbrook, Kia                     |
| 11006722 Not Issued 7                          |      |            | Feedback Arrangement For A Printer Having A Microelectromechanical Printhead   | Silverbrook, Kia                     |
| 11006733 Not Issued 7                          |      |            | Inkjet Printhead That Incorporates Feed Back Sense Lines   | Silverbrook, Kia                     |
| 11006734 Not Issued 1                          |      |            | Printer With Coordinated Print Data Buffers  | Silverbrook, Kia                     |
| 11006739 Not Issued 4                          |      |            | Printing Cartridge With Two-Dimensional Encoding Formations  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11006787 Not Issued 3                          |      | 12/08/2004 | Ink Cartridge With Collapsible Ink Containers For An Inkjet Printer Printing Apparatus Having Printhead Chips With Overlapping End Portions                    | Silverbrook, Kia                     |
| 11007250 Not Issued 3<br>11007319 7044585 1    |      |            | Method Of Generating Halftone Print Data For Overlapping End Portions Of Printhead Chips   | Silverbrook, Kia                     |
| 11007313 70443531                              |      | 12/10/2004 | Micro-Electromechanical Drive Mechanism Arranged To Effect Rectilinear Movement Of Working Member  | Silverbrook, Kia                     |
| 11008113 7077496 1                             |      |            | Mountable Print Engine Assembly Having Capping Mechanism   | Silverbrook, Kia                     |
| 11008114 7032999 1                             | 150  | 12/10/2004 | Rectilinear Actuated Micro-Electromechanical Fluid Ejection Nozzle   | Silverbrook, Kia                     |
| 11008115 Not Issued 3                          |      | 12/10/2004 | Method Of Manufacturing Micro-Electromechanical Device Having Motion-Transmitting Structure  | Silverbrook, Kia                     |
| 11008118 7018021 1                             |      |            | Inkjet Printhead With Deep Reverse Etch In Integrated Circuit Wafer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11011120 Not Issued 3                          |      |            | Baffled Ink Supply For Reducing Ink Accelerations Printhead For Modular Printhead Assembly   | Silverbrook, Kia                     |
| 11011148 Not Issued 3<br>11011925 Not Issued 1 |      |            | Inkjet Printhead Chip With A Side-By-Side Nozzle Arrangement Layout  | Silverbrook, Kia                     |
| 11012024 Not Issued 3                          |      |            | Inkjet Printhead Chip With Nozzle Assemblies Incorporating Fluidic Seals   | Silverbrook, Kia                     |
| 11012329 Not Issued 7                          |      | 12/16/2004 | Printer Assembly And Nozzle Arrangement  | Silverbrook, Kia                     |
| 11012347 Not Issued 3                          | 30 _ | 12/16/2004 | Inkjet Printer With A Media Tray For Sheets Of Print Media And An Ink Cartridge  | Silverbrook, Kia                     |
| 11013338 Not Issued 7                          |      |            | Method Of Maintaining Print Quality Of An Inkjet Printer   | Silverbrook, Kia                     |
| 11013363 Not Issued 3                          |      |            | Method For Manipulating And Printing Captured Images   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11013381 Not Issued 9                          |      | 12/17/2004 | Printer With Capacitive Printer Cartridge Data Reader Printer With Microelectromechanical Printhead Having Electro-Thermal Actuators Incorporating Heatsinks   | Silverbrook, Kia                     |
| 11013461 6959983 1                             |      | 12/17/2004 | Printer Incorporating A Microelectromechanical Printhead   | Silverbrook, Kia                     |
| 11013466 Not Issued 9                          |      |            | Image Manipulation Device  | Silverbrook, Kia                     |
| 11013636 Not Issued 3                          | 30   | 12/17/2004 | Printer With Loudspeaker Interface   | Silverbrook, Kia                     |
| 11013881 Not Issued 7                          |      |            | Printhead Temperature Feedback Method For A Microelectromechanical Ink Jet Printhead   | Silverbrook, Kia                     |
| 11014712 Not Issued 3                          |      | 12/20/2004 | System For Priming A Pagewidth Printhead Cartridge   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014713 Not Issued 3                          |      | 12/20/2004 | Pagewidth Printhead Assembly Having A Longitudinally Extending Electrical Connector  | Silverbrook, Kia                     |
| 11014714 Not Issued 3                          |      |            | Pagewidth Printhead Assembly For A Cartridge Unit System For Priming A Pagewidth Printhead Cartridge   | Silverbrook, Kia                     |
| 11014715 Not Issued 3<br>11014716 Not Issued 3 |      | 12/20/2004 | Inkjet Printer With Cartridge Credle Having Interfaces For Refill Units  | Silverbrook, Kia                     |
| 11014717 Not Issued 3                          |      | 12/20/2004 | Ink Cartridge With Printhead Maintenance Station For Inkjet Printer  | Silverbrook, Kia                     |
| 11014718 Not Issued 3                          |      | 12/20/2004 | Inkjet Printhead With Electrical Disconnection Of Printhead Prior To Removal   | Silverbrook, Kia                     |
| 11014719 Not Issued 3                          |      | 12/20/2004 | Control System For Controlling The Refilling Operation Of A Print Engine   | Silverbrook, Kia                     |
| 11014720 Not Issued 3                          |      | 12/20/2004 | Printer With Motor Driven Maintenance Station  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014721 Not Issued 4                          |      |            | Combination Printer And Image Reader In L-Shaped Configuration   | Silverbrook, Kia                     |
| 11014722 Not Issued 3<br>11014723 Not Issued 3 |      | 12/20/2004 | High Speed Digital Printer Unit System For Mounting A Capper Assembly To A Pagewidth Printhead   | Silverbrook, Kia                     |
| 11014724 Not Issued 3                          |      | 12/20/2004 | System For Securing Integrated Circuits To A Pagewidth Printhead Assembly  | Silverbrook, Kia                     |
| 11014725 Not Issued 3                          |      | 12/20/2004 | Cradle Unit Having Pivotal Electrical Contacts For Electrically Engaging With A Pagewidth Printhead Cartridge  | Silverbrook, Kia                     |
| 11014726 Not Issued 3                          | 30   | 12/20/2004 | Cover Assembly For A Cradle Unit Having An Ink Refilling Capabilities  | Silverbrook, Kia                     |
| 11014727 Not Issued 2                          |      | 12/20/2004 | Vertical Desktop Printer   | Silverbrook, Kia                     |
| 11014728 Not Issued 3                          |      | 12/20/2004 | Printer Unit Employing Vertically Disposed Media Storage And Collection Areas  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014729 Not Issued 3                          | 30   |            | Refill Unit For Simultaneously Engaging With, And Opening Inlet Valve To, An Ink Cartridge Wall Mountable Printer With Removable Cartridge                     | Silverbrook, Kia                     |
| 11014730 Not Issued 3                          |      | 12/20/2004 | Network Inkjet Printer Unit Having Multiple Media Input Trays  | Silverbrook, Kia                     |
| 11014732 Not Issued 3                          | 30   | 12/20/2004 | Inkiet Printhead With Integrated Circuit Mounted On Polymer Sealing Film   | Silverbrook, Kia                     |
| 11014733 Not Issued 3                          | 30   | 12/20/2004 | Refill Unit For Engaging With, And Closing The Outlet Valve From An Ink Storage Compartment  | Silverbrook, Kia                     |
| 11014734 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit Having A Linearly Actuated Plunger Assembly  | Silverbrook, Kia                     |
| 11014735 Not Issued 3                          |      | 12/20/2004 | Method Of Refilling A High Speed Print Engine  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014736 Not Issued 3                          |      | 12/20/2004 | Capper Assembly Having A Biased Capper Element For Capping A Pagewidth Printhead Cartridge   | Silverbrook, Kia                     |
| 11014737 Not Issued 3                          |      |            | Cradle Unit Having An Electromagnetic Capper Actuation System Cradle Unit Having A Refill Actuator For Operating A Refill Unit                                 | Sitverbrook, Kia                     |
| 11014739 Not Issued 3                          |      | 12/20/2004 | Cradie Unit Having A Cover Assembly With Ink Refill Port   | Silverbrook, Kia                     |
| 11014739 Not Issued 3                          |      |            | Printhead Maintenance Station  | Silverbrook, Kia                     |
| 11014741 Not Issued 3                          | 30   | 12/20/2004 | Ink Refill Unit With Ink Level Indicator   | Silverbrook, Kia                     |
| 11014742 Not Issued 3                          |      |            | Inkjet Printhead With Apertured Sealing Film   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014743 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit For Docking With An Ink Cartridge  | Silverbrook, Kia                     |
| 11014744 Not Issued 3<br>11014745 Not Issued 3 | 30   | 12/20/2004 | Ink Refill Unit With Keyed Connection Ink Cartridge Cover Assembly For A Cradle Unit Having An Ink Refilling Actuator Provided Therein                         | Silverbrook, Kia                     |
| 11014745 Not Issued 3                          | 30   |            | Ink Storage Device   | Silverbrook, Kia                     |
| 11014747 Not Issued 3                          |      | 12/20/2004 | Pagewidth Printhead Cartridge Having An Integral Capper Unit Associated Therewith  | Silverbrook, Kia                     |
| 11014748 Not Issued 3                          |      | 12/20/2004 | Replaceable Pagewidth Printhead Cartridge  | Silverbrook, Kia                     |
| 11014749 Not Issued 3                          | 30   | 12/20/2004 | Method For Controlling The Ink Refilling Procedure Of A Print Engine   | Silverbrook, Kia                     |
| 11014750 Not Issued 3                          |      |            | Ink Refill Unit Having Control Information Stored Thereon To Control The Refilling Process   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014751 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit For Refilling A High Speed Print Engine Ink Refill Unit With Cartridge Constriction Actuators  | Silverbrook, Kia                     |
| 11014752 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit With Asymmetrically Positioned Ink Outlet  | Silverbrook, Kia                     |
| 11014754 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit For Maintaining Negative Pressure In Negatively Pressurized Ink Storage Compartment  | Silverbrook, Kia                     |
| 11014755 Not Issued                            |      | 12/20/2004 | Ink Cartridge With Variable Ink Storage Volume   | Silverbrook, Kia                     |
| 11014756 Not Issued                            | 30   | 12/20/2004 | Capper Assembly For A Pagewidth Printhead Cartridge  | Silverbrook, Kia                     |
| 11014757 Not Issued 2                          | 25   | 12/20/2004 | Pagewidth Printhead Assembly Having Abutting Integrated Circuits Arranged Thereon  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014758 Not Issued 3                          | 30   | 12/20/2004 | Cradle Unit For Electrically Engaging With A Pagewidth Printhead Cartridge   | Silverbrook, Kia                     |
| 11014759 Not Issued 1<br>11014760 Not Issued   |      | 12/20/2004 | Electromagnetically Controlled Capper Assembly For Capping A Pagewidth Printhead Cartridge  Pagewidth Printhead Cartridge Having Multiple Ink Storage Capacity | Silverbrook, Kia                     |
| 11014760 Not Issued                            |      | 12/20/2004 | Pagewidth Printhead Cartridge Having A Longitudinally Extending Electrical Contact   | Silverbrook, Kia                     |
| 11014762 Not Issued                            |      | 12/20/2004 | Pagewidth Printhead Assembly Having An Improved Ink Distribution Structure   | Silverbrook, Kia                     |
| 11014763 Not Issued 3                          | 30   | 12/20/2004 | Print Engine For An Inkjet Printer   | Silverbrook, Kia                     |
| 11014764 Not Issued :                          | 30   | 12/20/2004 | Inkjet Printer Unit Having A High Speed Print Engine   | Silverbrook, Kia                     |
| 11014765 Not Issued 3                          |      | 12/20/2004 | Ink Refill Unit With Sequential Valve Actuators  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11014766 Not Issued 11014767 Not Issued        |      | 12/20/2004 | Refit! Unit For Ink Cartridge In Printer With Ink Suitability Verification Inkjet Printer With Replaceable Printhead Requiring Zero-Insertion-Force            | Silverbrook, Kia                     |
| 11014768 Not Issued                            |      | 12/20/2004 | Inkjet Printer With Replaceable Printilead Requiring 2ero-instituting of the Printer With Cradle For Unobstructed Access To Certridge                          | Silverbrook, Kia                     |
| 11014769 Not Issued                            |      |            | Cartridge Unit Having Negatively Pressurized Ink Storage   | Silverbrook, Kia                     |
| 11015008 6964533                               |      |            | Printing Zone With Closely Located Printhead And Media   | Silverbrook, Kia                     |
| 11013000 03043331                              |      |            |  |                                      |

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|--|------------------------|--------------|--|------------------|
| 1000160   1000000000000000000000000000   |                        |              |  | Inventor Name    |
| 1995      |                        |              |  |                  |
| 1000000000000000000000000000000000000  | 11015018 Not Issued 61 | 12/20/2004   | Micro-Electromechanical Fluid Ejection Device Having Actuator Mechanisms Located In Chamber Roof Structure | Silverbrook, Kia |
| 1000000   10000000   10000000   10000000   100000000   |                        |              |  |                  |
| 1000379 Intel Lands   20 17/7/500   Intelled For Propring A. Service Places In Communication   1000379   Intelled   1000379   Intelle   |                        |              |  |                  |
| 1000000000000000000000000000000000000  |                        | 12/27/2004   | Transferring Search Results Using A Relay Device   |                  |
| 1000000000000000000000000000000000000  | 11020260 Not Issued 30 | 12/27/2004   | Method For Providing A Search Request Form   | Silverbrook, Kia |
| 1000      |                        |              |  |                  |
| 1000000000000000000000000000000000000  |                        |              |  |                  |
| 1000077   6933778   100   10000000   10000000   10000000   10000000   10000000   10000000   100000000  |                        |              |  |                  |
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| 1.1002/19 Not Issued SE 0.1002/2003   Medical Ellioques Printers   |                        |              |  |                  |
| 11000545 Put Issued 50 0,0000050 (window) Controller Integrated Integrated Controller Integrated Controller Integrated In |                        |              |  |                  |
| 1100006 Set New 10 CO 0000006 Set New 10 Control of American Meeting Control Meeting Control of American Meeting Control Meeting Control of American Meeting Control Meeting Control Meeting Control of American Meeting Control Meeting Control Meeting Control Meeting Control of American Meeting Control M |                        |              |  |                  |
| 1109217 (2012) 10 (1002/2015) Printees Chin Pin (Incompress A Nestes Guard With Continuent Shockers (6.) 1109217 (2012) 10 (1002) (1002) Printees Chin Pin (Incompress A Nestes Guard With Continuent Shockers (6.) 1109217 (2012) (1002) |                        | 01/03/2005   | Method Of Instructing A Computer System Using An Interface Surface   | Silverbrook, Kia |
| 1103(11) 69 1103 150 01032705   Immediate Chris That Incorporates Amendation and Amendation Schedulers   Sche |                        |              |  |                  |
| 1005131 (Rot Street)   5. 00032005   Printing Chip That I coopposes More Michanical Level Mechanicans   Shebtook, Kd.  |                        |              |  |                  |
| 1000118   7027008   160   10052005   Module Printment Assembly Incorporating int Spronge And Distribution Assembles   Seventrook, Kig.   |                        |              |  |                  |
| 1999 127   792444   190   01092209   Penthale Assembly With Ind. Spitched And Feed Structure Spermin A. Papeacidin   Sherbrook, Kar.   |                        |              |  |                  |
| 1000127   Rest tuevel   51   0.0002005   Printing April Printing   | 11026122 7025446 150   | 01/03/2005   | Printhead Assembly With Ink Distribution And Feed Structures Spanning A Pagewidth                          |                  |
| 10003277 Roll Issued   4   0.00002005   Perhalted Chine Incorporating Face In A Det Perlina Cheesteen   Seventroon, Kin   10003278   Perlina Chine Incorporating Electron Management   Seventroon, Kin   11003278   7003278   100 01002005   Perhalted Chine Incorporating Electron Management   Seventroon, Kin   11003278   7003278   100 01002005   Perhalted Chine Incorporating Chine Perhalted Translation   Seventroon, Kin   11003278   7003278   100 01002005   Perhalted Chine Incorporating Chine Perhalted Translation   Seventroon, Kin   11003278   Perhalted Chine Incorporating Chine Perhalted Translation   Seventroon, Kin   11003278   Perhalted Chine Incorporating Chine Perhalted Translation   Seventroon, Kin   11003278   Perhalted Chine Incorporating Chine Perhalted Translation   Seventroon, Kin   11003278   Perhalted Chine Incorporation   Perhalted Chine   |                        |              |  |                  |
| 1005125  Not Issued   10   |                        |              |  |                  |
| 1005187   7001071   150   1010202005   Printmed Ching Incorporation A Double Action in Rif Section Mechanisms   Swetters, Na   |                        |              |  |                  |
| 1009319   1009376   1009   | 11026129 7001012 150   | 01/03/2005   | Printhead Chip Incorporating A Double Action Ink Ejection Mechanism  | Silverbrook, Kia |
| 11025135 Not Issued 30   |                        | 01/03/2005   | Printhead Chip Incorporating Double Action Shutter Mechanisms  |                  |
| 1026173   September  |                        |              |  |                  |
| 110205147   100000000000000000000000000000000000   |                        |              |  |                  |
| 11003974   98117150   010032005   Poprising Cartridge For A Carmers And Phrister Combination Incident (American Combination Phrister)   11003973   981917155   011010005   Pagewidth Phristineal Raining Strumetics (Actuated in Election Compromised Strumetics Strumetics)   11003973   981917155   011010005   Pagewidth Phristineal Raining Strumetics (American Raining   | 11026147 6988784 150   | 01/03/2005   | Printhead Capping Arrangement  | Silverbrook, Kia |
| 110389774   Issaed 30   1019/0205   Festing Off, Minro Estimate Actuated in Election Components   Shardrook, Kila   1103897846   Issaed 41   0119/0205   Festing Off, Minro Estimate Actuation   Shardrook, Kila   1103897846   Issaed 41   0119/0205   Festing Off, Minro Estimate Actuation   Shardrook, Kila   Shardrook, Kila   1103897846   Issaed 30   0119/0205   Festing Off, Minro Estimate Actuation   Shardrook, Kila   Shardrook, Kila   1103897846   Issaed 30   0119/0205   Festing Off, Minro Fort Instanction   Shardrook, Kila   Shardrook, Kila   1103897846   Issaed 30   0119/0205   Festing Off, Minro Fort Instanction   Shardrook, Kila   Shardrook, Kila   110389784   Issaed 30   0119/0205   Festing Off, Minro Fort Instanction   Shardrook, Kila   Shardrook, Kila   110389784   Issaed 30   0119/0205   Festing Off, Minro Fort Instanction   Shardrook, Kila   Shardrook, Ki   | 11026326 Not Issued 30 |              |  |                  |
| 11039879   Not 1 Stand 9   10   11070005   Festing Of A Micro-Electromic Anneal Private For Under Actuation   Shortmook, Kia   11039864   Not 1 Stand 9   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel A Riginal Register   10   11070005   Printhead Configuration Having Antel Antel Register   10   11070005   Printhead Configuration Having Antel Antel Register   10   11070005   Printhead Register   10   1107005   Printhea   |                        |              |  |                  |
| 11000807-Not Issued 1  |                        | 01/10/2005   | Testing Of A Micro-Electromechanical Device For Under Actuation  |                  |
| 10030966 Not Issued   St.   Ott 1/10/2005   Abrehit Charlog   Parking Cartridge Having   Charlog Parking   System   Sherbrook, Kis   1003096 Not Issued   St.   Ott 1/10/2005   Abrehit Charlog Parking   Sherbrook, Kis   1103164 Not Issued   St.   Ott 1/10/2005   Recyclating An Aquator   Sherbrook, Kis   1103164 Not Issued   Sherbrook, Kis   Ott 1/10/2005   Recyclating Parking Parking   Sherbrook, Kis   Ott 1/10/2005   Recyclating Parking Parking   Sherbrook, Kis   Ott 1/10/2005   Recyclating Office Parking   Sherbrook, Kis   Ott 1/10/2005   Recyclatin   |                        |              |  |                  |
| 1003129A tot Issued   16   |                        |              |  |                  |
| 11033122 Not Issued 19   |                        |              |  |                  |
| 11033143 Not issued 30   |                        |              |  |                  |
| 11034758 Not Issued 191  |                        |              |  | Silverbrook, Kia |
| 1103927  Not Issued   73   |                        |              |  |                  |
| 11038921 Not Issued 30   |                        |              |  |                  |
| 110393201 kst saud 30  |                        |              |  |                  |
| 1038207   6978751   50   01/21/2005   Motion Transmitting Structure   Silverbrook, Kia   1038207   101/21/2005   Forther With A Page Binding Apparatus   Silverbrook, Kia   1038967   Not Issued   101   101/24/2005   Oats Storage Device Incorporating A Two-Dimensional Code   Silverbrook, Kia   11041556   Not Issued   30   01/25/2005   Authentication Of An Object Using A Signature Encoded in A Number Of Data Portions   Silverbrook, Kia   11041556   Not Issued   30   01/25/2005   Authentication Of An Object Using A Signature Part   Silverbrook, Kia   11041560   Not Issued   30   01/25/2005   Pharmacoutical Product Tracking   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Pharmacoutical Product Tracking   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Pharmacoutical Product Tracking   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Pharmacoutical Product Tracking   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Of Printing Society Documents   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Fort Authentication Of Pharmacoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method For Renarcoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method For Renarcoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method For Renarcoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method For Renarcoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method For Renarcoutical Products   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Of Counting Currency   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Of Counting Currency   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Of Counting Currency   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Method Of Counting Currency   Silverbrook, Kia   11041607   Not Issued   30   01/25/2005   Met   |                        |              |  |                  |
| 1038320 Not Issued 20  |                        |              |  |                  |
| 1103995/Not   Issued   30  |                        |              |  |                  |
| 11039897/Not Issued 30   |                        |              |  |                  |
| 11014560 Not Issued 30   01/25/2005   Authentication Of An Object Using A Signature Part   Silvertrook, Kia   Silvertrook, Kia   01/25/2005   Nethod Of Printing Security Documents   Silvertrook, Kia   01/25/2005   Nethod Of Authentication Of An Object Using A Signature Part   Silvertrook, Kia   01/25/2005   Nethod Of Authentication Of An Object Using A Signature Part   Silvertrook, Kia   01/25/2005   Nethod Of Authentication Of An Object Using A Signature Part   Silvertrook, Kia   01/25/2005   Nethod Of Authenticating Security Document   Tracking   Silvertrook, Kia   01/25/2005   Nethod Of Counting Currency   Silvertrook, Kia   01/25/2005   Nethod Of Counting Currency   Silvertrook, Kia   01/25/2005   Nethod Of Occurrency   Nethod Occurrency   Silvertrook, Kia   01/25/2005   Nethod Of Occurrency   Nethod Occurrency   Neth   |                        | 01/24/2005   | Software Interaction Using An Interface Surface  |                  |
| 11041697 Not Issued 30   |                        |              |  |                  |
| 11041670 Not Issued 30   |                        |              |  |                  |
| 11041625 Not Issued 30   01/12/52005   Method For Authentication Of Pharmaceutical Products   Silverbrook, Kia   11041626 Not Issued 30   01/12/52005   Method For Authentication Of Pharmaceutical Products   Silverbrook, Kia   11041626 Not Issued 30   01/12/52005   Method For Remote Authentication Of Pharmaceutical Products   Silverbrook, Kia   11041646 Not Issued 30   01/12/52005   Method For Remote Authentication Of Pharmaceutical Products   Silverbrook, Kia   11041646 Not Issued 30   01/12/52005   Method Of Authentication Of An Object Using A Signature Part   Silverbrook, Kia   11041650 Not Issued 30   01/12/52005   Method Of Authentication Security Document Tracking   Silverbrook, Kia   11041650 Not Issued 30   01/12/52005   Method Of Authentication Security Document Tracking   Silverbrook, Kia   11041650 Not Issued 25   01/12/52005   Method Of Counting Currency   Silverbrook, Kia   11041650 Not Issued 25   01/12/52005   Method Of Counting Currency   Silverbrook, Kia   11041650 Not Issued 25   01/12/52005   Method Of Counting Currency   Silverbrook, Kia   11041650 Not Issued 25   01/12/52005   Method For Identifying A Counterfel Security Document   Silverbrook, Kia   11041650 Not Issued 25   01/12/52005   Coded Data Including A Distributed Data Stream   Silverbrook, Kia   11041650 Not Issued 20   01/12/52005   Coded Data Including A Distributed Data Stream   Silverbrook, Kia   11045202 Not Issued 30   01/12/12/005   Pagawidth Printhead Multiple Printhead Supporting Structure   Silverbrook, Kia   11045442 Not Issued 30   01/12/12/005   Digital Carrent Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11045442 Not Issued 30   01/12/12/005   Digital Carrent Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11045442 Not Issued 30   01/12/005   Digital Carrent Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11045442 Not Issued 30   01/12/005   Digital Carrent Having Functionally Interconnected Image Processing Elem   |                        |              |  |                  |
| 1701/825 Not Issued 30   |                        |              |  |                  |
| 11041642   Not Issued 20   | 11041625 Not Issued 30 | 01/25/2005   | Method For Authentication Of Pharmaceutical Products   |                  |
| 11041648 Not Issued 30   |                        |              |  |                  |
| 11041650 Not Issued 30   |                        |              |  |                  |
| 11041850 Not Issued 30   |                        |              |  |                  |
| 11041652  Not Issued   25   0.1725/2005   Method For Identifying A Counterfeit Security Document   Silverbrook, Kia   11041658  Not Issued   20   0.1725/2005   O.1725/2005   Coded Data Including A Distributed Data Stream   Silverbrook, Kia   1104723  Not Issued   20   0.1725/2005   Coded Data Including A Distributed Data Stream   Silverbrook, Kia   11045258  Not Issued   30   0.1731/2005   Pajewidth Printhead With Flexible Ink Delivery Extrusion   Silverbrook, Kia   11045282  Not Issued   30   0.1731/2005   Pajewidth Printhead With Flexible Ink Delivery Extrusion   Silverbrook, Kia   11045308   6994430  150   0.1731/2005   Ink Supply System For A Printhead   Silverbrook, Kia   1104542  Not Issued   30   0.1731/2005   Digital Camera Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11046748  Not Issued   33   0.0731/2005   Digital Camera Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11048822  Not Issued   30   0.0203/2005   Printhead Chip With Nozzle Arrangement For Color Printing   Silverbrook, Kia   11048823  6986583  150   0.2003/2005   Printhead Chip With Nozzle Arrangement For Color Printing   Silverbrook, Kia   11055164  Not Issued   35   0.2003/2005   Printhead Assembly With Ink Path Defining Structures   Silverbrook, Kia   11055164  Not Issued   35   0.2003/2005   Printhead Assembly With Ink Path Defining Structures   Silverbrook, Kia   11055278  Not Issued   35   0.2011/2005   Flexible Display Assembly Having Flexibly Connected Screen   Silverbrook, Kia   11055278  Not Issued   35   0.2011/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055278  Not Issued   35   0.2011/2005   Flexible Display Assembly For Page With Ink Jet Printhead   Silverbrook, Kia   11055278  Not Issued   35   0.2011/2005   Flexible Display Assembly For Page With Ink Jet Printhead   Silverbrook, Kia   11055278  Not Issued   35   0.2011/2005   Flexible Display Assembly For Page With Ink Jet Printhead   Silverbrook, Kia   11056248     | 11041650 Not Issued 30 | 01/25/2005   | Method And Apparatus For Security Document Tracking  |                  |
| 11041698 Not Issued   30   |                        | 01/25/2005   | Method Of Counting Currency   Method For Identifying A Counterfait Security Document                       |                  |
| 11041723 Not Issued   20   |                        |              |  |                  |
| 11045258   7055947   150   01/31/2005   Printhead Transfer Roller Arrangement   Silverbrook, Kia   11045282   Not Issued   30   01/31/2005   Pagewidth Printhead With Flexible Ink Delivery Extrusion   Silverbrook, Kia   Silverbrook, Kia   11045442   Not Issued   30   01/31/2005   Ink Supply System For A Printhead   Silverbrook, Kia   11045442   Not Issued   30   01/31/2005   Digital Camera Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   11046748   Not Issued   30   02/03/2005   Digital Camera Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   Silverbrook, Kia   11046822   Not Issued   30   02/03/2005   Composite Pagewidth-Printhead Supporting Structure   Silverbrook, Kia   Silverbrook, Kia   Silverbrook, Kia   11046823   6986583   150   02/03/2005   Printhead Assembly With Ink Path Defining Structure   Silverbrook, Kia   Silverbrook, Kia   11055164   Not Issued   95   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055169   Not Issued   95   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055203   Not Issued   95   02/11/2005   Flexible Display Assembly Having Flexibly Connected Screen   Silverbrook, Kia   11055248   Not Issued   95   02/11/2005   Ink Distribution Nozzles In An Inkjet Printhead   Silverbrook, Kia   11055246   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jet Printhead   Silverbrook, Kia   11055246   Not Issued   95   02/11/2005   Method Of Fabricating Printhead Having Moveable Ejection Port   Silverbrook, Kia   11056146   Not Issued   95   02/11/2005   Method Of Fabricating Printhead Having Anoxale Guard   Silverbrook, Kia   11056238   Not Issued   97   02/14/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11056238   Not Issued   97   02/14/2005   Inker Printhead Having Anoxale Guard   11056246   Not Issued   97   02/16/2005   Inkerbrook, Kia   11056246   Not Issued   97   02/16/2005      |                        |              |  | Silverbrook, Kia |
| 11045308   6994430   150   01/31/2005   Init Supply System For A Printhead   Silverbrook, Kia   11045424   Not Issued   30   01/31/2005   Digital Camera Having Functionally Interconnected Image Processing Elements   Silverbrook, Kia   110484748   Not Issued   30   02/03/2005   Printhead Chip With Nozzle Arrangement For Color Printing   Silverbrook, Kia   11048822   Not Issued   30   02/03/2005   Composite Pagewidth-Printhead Supporting Structure   Silverbrook, Kia   11048823   6986563   150   02/03/2005   Printhead Assembly With Ink Path Defining Structures   Silverbrook, Kia   11055164   Not Issued   95   02/11/2005   Printhead Assembly With Ink Path Defining Structures   Silverbrook, Kia   11055166   7032825   150   02/11/2005   Printhead To Have Defining Structures   Silverbrook, Kia   11055166   7032825   150   02/11/2005   Printhead Assembly Having Flexibly Connected Screen   Silverbrook, Kia   1105527   Not Issued   95   02/11/2005   Moveable Ejection Nozzles In An Inkjet Printhead   Silverbrook, Kia   11055227   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Printer With Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055276   Not Issued   20   02/11/2005   Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055276   Not Issued   20   02/11/2005   Method Of Fabricating Printhead To Have Algined Nozzle Guard   Silverbrook, Kia   11056147   Not Issued   20   02/14/2005   Ink Birthidad To Having A Thermal Actuator Coil   Silverbrook, Kia   11056147   Not Issued   30   02/14/2005   Ink Birthidad To Having A Thermal Actuator Coil   Silverbrook, Kia   11058236   Not Issued   30   02/14/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058236   Not Issued   30   02/14/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058236   Not Issued   30   02/16/2005   Ink Supply System With Integrated Data And Power Supp   | 11045259 7055947 150   | 01/31/2005   | Printhead-Transfer Roller Arrangement  |                  |
| 11045442   Not Issued   30   |                        |              |  |                  |
| 11048748   Not Issued   30   02/03/2005   Printhead Chip With Nozzle Arrangement For Color Printing   Silverbrook, Kia   11048822   Not Issued   30   02/03/2005   Composite Pagewidth-Printhead Supporting Structure   Silverbrook, Kia   11048822   6888583   150   02/03/2005   Printhead Assembly With Ink Path Defining Structures   Silverbrook, Kia   11055164   Not Issued   95   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055166   7032825   150   02/11/2005   Printhead Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055270   Not Issued   95   02/11/2005   Printhead Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055277   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   110561476   Not Issued   90   02/14/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   110561476   Not Issued   91   02/14/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11058236   Not Issued   91   02/14/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058236   Not Issued   91   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058236   Not Issued   91   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058986   Not Issued   91   02/16/2005   Method Of Fabricating Printhead Data And Power Supply   Silverbrook, Kia   11059874   Not Issued   91   02/16/2005   Method Of Fabricating Printhead Data And Power Supply   Silverbrook, Kia   11059986   Not Issued   91   02/16/2005   Method A   |                        |              |  |                  |
| 11048822   Not Issued   30   02/03/2005   Composite Pagewidth-Printhead Supporting Structure   Silverbrook, Kia   11055164   Not Issued   95   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055166   7032825   150   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055166   7032825   150   02/11/2005   Method Of Data Distribution Using Ink Dots On Cards   Silverbrook, Kia   11055203   Not Issued   95   02/11/2005   Moveable Ejection Nozzles In An Inkjet Printhead   Silverbrook, Kia   11055227   Not Issued   30   02/11/2005   Ink Distribution Assembly For Page Wolds Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Wolds Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Wolds Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   20   02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11055276   Not Issued   30   02/14/2005   Method For Forming Inkjet Nozzles Having A Colled Thermal Actuator Mechanism   Silverbrook, Kia   110561476   Not Issued   30   02/14/2005   Method For Forming Inkjet Nozzles Having A Colled Thermal Actuator Mechanism   Silverbrook, Kia   110561476   Not Issued   30   02/14/2005   Inkjet Printhead Having Nor-Planar Ink Jet Printhead   Silverbrook, Kia   11059874   Not Issued   30   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11059874   Not Issued   30   02/16/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   1105989   |                        |              |  | Silverbrook, Kia |
| 11055164   | 11048822 Not Issued 30 | 02/03/2005   | Composite Pagewidth-Printhead Supporting Structure   |                  |
| 11055166   7032825   150   02/11/2005   Flexible Display Assembly Having Flexibly Connected Screen   Silverbrook, Kia   11055227   Not Issued   95   02/11/2005   Moveable Ejection Nozzles in An Inkjet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jet Printhead   Silverbrook, Kia   11055276   Not Issued   95   02/11/2005   Printer With Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055176   Not Issued   90   02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11056146   Not Issued   90   02/14/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11056147   Not Issued   90   02/14/2005   Method For Forming Inkjet Nozzles Having A Coiled Thermal Actuator Mechanism   Silverbrook, Kia   11058238   Not Issued   93   02/14/2005   Inkjet Printhead Having A Thermal Actuator Coil   Silverbrook, Kia   11058238   Not Issued   93   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058238   Not Issued   94   02/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11058238   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11058248   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059874   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059898   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059898   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059898   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059898   Not Issued   10/16/2005   Ink Supphy System With Integrated Data And Power Supphy   Silverbrook, Kia   11059898   Not Issued   10/16/2005   Ink Supphy    |                        |              |  |                  |
| 11055203 Not Issued   95   02/11/2005   Moveable Ejection Nozzies In An Inkjet Printhead   Silverbrook, Kia   11055276 Not Issued   95   02/11/2005   Ink Distribution Assembly For Page Width Ink Jat Printhead   Silverbrook, Kia   11055276 Not Issued   95   02/11/2005   Printer With Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055276 Not Issued   20   02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11056147 Not Issued   30   02/14/2005   Method For Forming Inkjet Nozzles Having A Coiled Thermal Actuator Mechanism   Silverbrook, Kia   11056147 Not Issued   31   02/14/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058236 Not Issued   33   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058238 Not Issued   41   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058238 Not Issued   41   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058284 Not Issued   41   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058284 Not Issued   41   02/16/2005   Injet Printhead Having Bicuspid Valved Ink Ejection Arrangement   Silverbrook, Kia   11059674 Not Issued   50   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11059684   7080780   50   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11060751 Not Issued   30   02/18/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Printhead Having N   |                        |              |  |                  |
| 11055227   Not Issued   30   02/11/2005   Ink Distribution Assembly For Page Wdth Ink Jet Printhead   Silverbrook, Kia   11055246   Not Issued   95   02/11/2005   Printer With Printhead Having Moveable Ejection Port   Silverbrook, Kia   11055276   Not Issued   20   02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   11056147   Not Issued   30   02/14/2005   Method For Forming Inkjet Nozzles Having A Coiled Thermal Actuator Mechanism   Silverbrook, Kia   11056147   Not Issued   31   02/14/2005   Inkjet Printhead Having A Thermal Actuator Coil   Silverbrook, Kia   11058235   Not Issued   93   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058236   Not Issued   41   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058236   Not Issued   41   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   11058264   Not Issued   41   02/16/2005   Injet Printhead Having Bicuspid Valved Ink Ejection Arrangement   Silverbrook, Kia   11059684   Not Issued   71   02/16/2005   Silverbrook, Kia   11059684   Not Issued   70   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11059684   7080780   50   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11059686   Not Issued   20   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   11060751   Not Issued   30   02/18/2005   Inkjet Printhead Having Nozzle Plate Supported By Encapsulated Photoresist   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Printhead Structure Having Nozzle Plate Supported By Encapsulated Photoresist   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Printhead Structure Having Nozzle Plate Supported By Encapsulated Photoresist   Silverbrook, Kia   11060804   Not Issued   30   02/18/2005   Printhead Assembly Having Mod   |                        |              |  | Silverbrook, Kia |
| 11055276   Not Issued   20    02/11/2005   Method Of Fabricating Printhead To Have Aligned Nozzle Guard   Silverbrook, Kia   | 11055227 Not Issued 30 | 02/11/2005   | Ink Distribution Assembly For Page Width Ink Jet Printhead   |                  |
| 11058146 Not Issued 30   |                        | 02/11/2005   | Printer With Printhead Having Moveable Ejection Port   |                  |
| 11058147 Not Issued   71   02/14/2005   Inkjet Printhead Having A Thermal Actuator Coil   Silverbrook, Kia   11058235 Not Issued   93   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058236 Not Issued   41   02/16/2005   Inkjet Printhead Having Non-Planar Ink Ejector   Silverbrook, Kia   11058236 Not Issued   41   02/16/2005   Injet Printhead Having Bicuspid Valved Ink Ejection Arrangement   Silverbrook, Kia   11058236 Not Issued   41   02/16/2005   Injet Printhead Having Bicuspid Valved Ink Ejection Arrangement   Silverbrook, Kia   11058264 Not Issued   71   02/16/2005   Bicuspid Valved Ink Ejection Arrangement For Inkjet Printhead   Silverbrook, Kia   11059974 Not Issued   70   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   110599884   7080780   150   02/17/2005   Occupiers Ordinare Indicated   Silverbrook, Kia   11059998 Not Issued   70   02/18/2005   Method For Electronic Mail Delivery   Silverbrook, Kia   11060803 Not Issued   30   02/18/2005   Printhead Structure Having Nozzle Plate Supported By Encapsulated Photoresist   Silverbrook, Kia   11060804 Not Issued   30   02/18/2005   Printhead Structure Having Nozzle Plate Supported In Silicon   Silverbrook, Kia   11060804 Not Issued   30   02/18/2005   Printhead Assembly Having Modular Ink Distribution   Silverbrook, Kia   11060804 Not Issued   30   02/18/2005   Printhead Assembly Having Modular Ink Distribution   Silverbrook, Kia   11060804 Not Issued   70   70   70   70   70   70   70   7   |                        |              |  |                  |
| 11058236 Not Issued   3  |                        |              |  | Silverbrook, Kia |
| 11058236 Not Issued   41   02/16/2005   Ink Supply System With Integrated Data And Power Supply   Silverbrook, Kia   | 11058235 Not Issued 93 | 02/16/2005   | Inkjet Printhead Having Non-Planar Ink Ejector   | Silverbrook, Kia |
| 11058284   Not Issued   71   02/16/2005   Bicuspid Valved Ink Ejection Arrangement For Inkjet Printhead   Silverbrook, Kia   | 11058236 Not Issued 41 |              |  |                  |
| 11059874   Not Issued   20   02/17/2005   Method And Apparatus For Allowing A User To Send An Electronic Mail Message   Silverbrook, Kia   |                        |              |  |                  |
| 11059684   7080780   150   02/17/2005   Computer Software Interface   Silverbrook, Kia   |                        | 02/17/2005   | Method And Apparatus For Allowing A User To Send An Electronic Mail Message                                |                  |
| 11059896 Not Issued     20     02/17/2005     Method For Electronic Mail Delivery     Silverbrook, Kia       11060751 Not Issued     30     02/18/2005     Inkjet Printhead Having Nozzle Plate Supported By Encapsulated Photoresist     Silverbrook, Kia       11060803 Not Issued     30     02/18/2005     Printhead Structure Having Fluid Passages Defined In Silicon     Silverbrook, Kia       11060804 Not Issued     30     02/18/2005     Printhead Assembly Having Modular Ink Distribution     Silverbrook, Kia   |                        |              |  | Silverbrook, Kia |
| 11060803 Not Issued 30 02/18/2005 Printhead Structure Having Fluid Passages Defined In Silicon Silverbrook, Kia 11060804 Not Issued 30 02/18/2005 Printhead Assembly Having Modular Ink Distribution Silverbrook, Kia  | 11059696 Not Issued 20 | 02/17/2005   | Method For Electronic Mail Delivery  |                  |
| 11060804 Not Issued 30 02/18/2005 Printhead Assembly Having Modular Ink Distribution Silverbrook, Kia  |                        |              |  |                  |
|  |                        |              |  |                  |
|  |                        | 02/18/2005   | Method Of Depositing Heater Material Over A Photoresist Scaffold   |                  |

| Experience   Painter   Settle On File   Time   Content   Content |                                   |   |                  |
|--|-----------------------------------|---|------------------|
| 1995    |                                   |   | Inventor Name    |
| 1,000-05/10 trained   30,007-05/10   Principal Assembly   Times A Service   Service  | 11063577 Not Issued 30 02/24/20   | NOS Printhead Cartridge Having Coupled Media Transport And Capping Mechanisms   |                  |
| Control of the Control   Control of Contro | 11064004 Not Issued 30 02/24/20   |   | Silverbrook, Kia |
| Control of the Lance   20, 000,000   Control of Service   Control of S |                                   |   |                  |
| 100007990 to the 20000790   An a Prince of Control of Prince of Control of Prince of Control of C |                                   |   |                  |
| 100021-100   Trube   10002-100   Trube   100 |                                   |   |                  |
| 1906-11   1901 |                                   |   |                  |
| System   S | 11064011 Not Issued 93 02/24/20   | 005 Ink Jet Nozzle To Eject Ink   |                  |
| 10061616    Description   Company   Company  |                                   |   |                  |
| Triple   T |                                   |   |                  |
| 1005157   701777   10   2072005   Lispan Province Cape   De Parkelon Spelment Control Contro |                                   |   | Silverbrook, Kia |
| 11055177   101741   101   10272005   Finished Assembly Hardon Rosean Guard   | 11065147 Not Issued 30 02/25/20   | 105 Using Protective Cups To Fabricate Light Emitting Semiconductor Packages  |                  |
| 100515940   Sauce   30   02/22005   State   Cartings   Soven Boot Week Resident Printer  |                                   |   |                  |
| 1000159   No. 1   1000159    |                                   |   |                  |
| 1006169   State   Sand   10   2007/2005   Bonded Assembly Hapina Improved Arthrasis Bond Services   Col.   |                                   |   |                  |
| 1009159   Not Issued   30   0202005   Membrol Of Brandon Substrates   Sembrook No.   Sembrook  | 11066159 Not Issued 30 02/28/20   |   |                  |
| 10061161 Not Issued   1  |                                   |   |                  |
| 1006016  TOYO770   150   CO7720000   Protest Cardings With Maria Transport Needmann   Substraces, Kin   1006016  Total State   Co. (2007000)   Protest State |                                   |   |                  |
| 10000716 Not Issued 30   |                                   |   |                  |
| 1109646  No. 10066  Dec.   1 | 11066165 Not Issued 30 02/28/20   | 205 Printhead Integrated Circuit Adapted For Adhesive Bonding   |                  |
| 11079177   Not   Issued   61   0.0077000   Contract Print With Card Disputes*   Shaptench, King   Contract Print   Contract | 11066310 Not Issued 30 02/28/20   |   |                  |
| 10071-17   Rol I stude   20  |                                   |   |                  |
| 1007125   Not Issued   71   0.004/2055   Marcho Of Fabbesteing Invited Nozels   Surface   Surf |                                   |   |                  |
| 1007147   No. 1   15   100   | 11071251 Not Issued 71 03/04/20   | 005 Method Of Fabricating Inkjet Nozzle Chambers  | Silverbrook, Kia |
| 11071-17   Not Issued   1.   |                                   |   |                  |
| 1107147   Not Issued 30  |                                   |   |                  |
| 107747   Not Issued 3  |                                   |   |                  |
| 1072751   Colored For Image Capture And Processing   Sherbrook, No.  | 11071474 Not Issued 30 03/04/20   | DOS Ink Jet Printhead Assembly Incorporating A Data And Power Connection Assembly   | Silverbrook, Kia |
| 1072517 Not Issued 50  |                                   |   |                  |
| 1072558   Not Issued   10  |                                   |   |                  |
| 10725267 7021742   150   03077005   Inkl. prinches Assembly With A Multi-Purpose Roter Plates Assembly   Sherbrook, Kis   10725258   705390   150   03077005   Inkl. prinches Having Removable Printless Careful State   150   03077005   Inkl. prinches Having Removable Printless Careful State   150   03077005   Inkl. prinches Having Removable Printless Careful State   150   03077005   Inkl. prinches Having Removable Printless Careful State   150   03077005   Inkl. printless Having Removable   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097005   150   03097 |                                   |   |                  |
| 11072553   |                                   |   |                  |
| 1076777 Not Issued 91  |                                   |   |                  |
| 11074777   Mot. Issued   1   0309/2005   Capacitative Pressure Sensor With Transition Metal Nitride Electrode   Silverbrook, Ka   11074772   Not Issued   2   0309/2005   Interface MrK Computer Software   Silverbrook, Ka   11074782   Not Issued   2   0309/2005   System For Alloying Interaction With Computer Software   Silverbrook, Ka   11074807   Not Issued   2   0309/2005   System For Printing A Form For Transition Mith Computer Software   Silverbrook, Ka   11074807   Not Issued   2   0309/2005   System For Printing A Form For Transition With Computer Software   Silverbrook, Ka   11074807   Not Issued   2   0309/2005   System For Printing A Form For Transition With Computer Software   Silverbrook, Ka   11075971   Not Issued   2   0309/2005   System For Printing A Form For Independent With Computer Software   Silverbrook, Ka   11075971   Not Issued   2   0309/2005   System For Printing A Form For Independent With A More Development of Silverbrook, Ka   11075971   Not Issued   2   0309/2005   System For Printing A Form For Independent With A More Development With A Relay Device   Silverbook, Ka   11082827 Not Issued   0   03142005   System And Method For Registering A Sensing Device With A Relay Device   Silverbook, Ka   11082827 Not Issued   0   03142005   System And Method For Registering A Sensor Development With A Relay Device   Silverbook, Ka   11082827 Not Issued   0   03142005   System And Method For Registering A Sensor Development With A | 11072530 7063940 150 03/07/20     |   |                  |
| 1107477  Not Issued   Q   0309/2005   Interaction With Computer Software   Shverbook, Kis   11074620 Not Issued   Q   0309/2005   System For Printing A Form For Interaction With Computer Software   Shverbook, Kis   11074620 Not Issued   Q   0309/2005   System For Printing A Form For Interaction With Computer Software   Shverbook, Kis   11074620 Not Issued   Q   0309/2005   System For Printing A Form For Interaction With Computer Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   System For Printing A Form For Allowing Interaction With Computer Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   Shverbook Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   Printing A Form For Allowing Handwritten Interaction With Computer Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   Printing A Swerbook Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   Printing A Swerbook Software   Shverbook, Kis   11079917 Not Issued   Q   0309/2005   Printing A Swerbook Software   Shverbook, Kis   0309/2005   Printing A Swerbook Software   Shverbook, Kis   0309/2005   Printing A Swerbook Software   0309/2005   Printing  |                                   |   |                  |
| 11074802 Not Issued   10 0309/2005   System For Printing A Form For Interacting With Computer Software   Silvestrook, Kia   11075950 Not Issued   11 0310/2005   Print Engine   Silvestrook, Kia   11075950 Not Issued   11 0310/2005   Ostporting A Form For Allowing Handwritten Interaction With Computer Software   Silvestrook, Kia   11075917 Not Issued   10 0310/2005   Printing A Form For Allowing Handwritten Interaction With Computer Software   Silvestrook, Kia   11075918 Not Issued   10 0310/2005   Printing A Form For Allowing Handwritten Interaction With Computer Software   Silvestrook, Kia   11075937 Not Issued   10 0310/2005   Printing And Assembly   Printing A Form For Allowing Handwritten Interaction With Computer Software   Silvestrook, Kia   11076937 Not Issued   10 0310/2005   Printing Mechanism Having Wide Formal Printing Zone   Printing A Form For Allowing A Formal Printing Zone   Printing Zone   Printing A Formal Printing Zone   Pr | 11074777 Not Issued 20 03/09/20   | 005 Interaction With Computer Software Using Handwritten Input On A Form  |                  |
| 11079697 Not Issued 20   03092005   Method Of Position Coding Using Sequences   Silverbrook, Kis   110796917 Not Issued 21   030102005   Printing Assembly   |                                   | 005 System For Allowing Interaction With Computer Software  |                  |
| 11079957 Not Issued 21   |                                   | 005 System For Printing A Form For Interacting With Computer Software   |                  |
| 107991R Not Issued 20  |                                   |   |                  |
| 1079578   Not Issued   30   30/10/2005   Printhead Assembly  |                                   |   |                  |
| 17073821   7011390   150   30142005   Printing Mechanism Hawing Wide Format Printing Zone   17080496 Not Issued   1009046 Not Issued   1009046 Not Issued   1109046 Not Issued  | 11075918 Not Issued 30 03/10/2    | DOS Printhead Assembly  |                  |
| 1108049  Not Issued   3  |                                   |   |                  |
| 11080997 Not Issued   41   03/142/005   Method Of Febricating Inkjet Nozzle Comprising Suspended Actuator   Silverbrook, Kila   110809281 Not Issued   30   03/142/005   System And Method For Generating A Business Card For Authorising An Electronic Message   Silverbrook, Kila   11080227 Not Issued   30   03/142/005   System And Method For Generating A Business Card For Authorising An Electronic Message   Silverbrook, Kila   11080228   Not Issued   150   03/142/005   System And Method For Registering A Sensing Device   Silverbrook, Kila   11080228   Not Issued   150   03/142/005   System And Method For Providing A Sensing Device With A Relay Device   Silverbrook, Kila   11080228   Not Issued   150   03/142/005   System And Method For Providing A Sensing Device With A Relay Device   Silverbrook, Kila   11080239   7008041   150   03/142/005   Printing Mechanism Having Elongate Medular Structure   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   Printing Mechanism Having Elongate Medular Structure   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   System And Method For Authorism And Electronic Message Using A Business Card   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   System And Method For Authorism And Electronic Message Using A Business Card   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   System For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   System For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   Printineed Assembly   Silverbrook, Kila   11080296   Not Issued   150   03/142/005   Printineed Chip With Nozzie Clearing Structures   Silverbrook, Kila   11080297   Not Issued   150   03/142/005   Printineed Assembly   Silverbrook, Kila   11080297   Not Issued   150   03/142/005   Silverbrook, Kila   11080297   Not Issued   150   03/142/005   Silverbrook, Kila   11080297   Not Issued   150   03/14 |                                   | 205 Printing Mechanism Having Vide Format Printing Zone 205 Printhead Nozzle Arrangement With A Micro-Electromechanical Shape Memory Alloy Based Actuator |                  |
| 11089398  Not Issued   83   03718/2005   System And Method For Generaling A Business Card For Authorising An Electronic Message   Silverbrook, Kia   11082827  Not Issued   20   03718/2005   System And Method For Generaling A Business Card For Authorising An Electronic Message   Silverbrook, Kia   11082827  Not Issued   20   03718/2005   System And Method For Generaling Miscr-Electronic Amenical Institute Notes   Silverbrook, Kia   11082827  Not Issued   160   03718/2005   System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   Silverbrook, Kia   11082937  7086041150   03718/2005   System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   Silverbrook, Kia   11082937  7086041150   03718/2005   Printing Mechanism Having Elongel Modular Structure   Silverbrook, Kia   11082937  7086041150   03718/2005   Printing Printing Assembly   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   11082958  Not Issued   01   03718/2005   Printing Printing Assembly Having Aligned Printing Assembly   Silverbrook, Kia   11082986  7014785  150   03718/2005   Method Cif Fabricating Inkiat Nozzie   Silverbrook, Kia   11082987  7014785  150   03718/2005   Method Cif Fabricating Inkiat Nozzie   Silverbrook, Kia   11082987  7014785  150   03718/2005   Method Cif Fabricating Inkiat Nozzie   Silverbrook, Kia   1108297  10978/10978/10978  10978/10978/10978  10978/10978/10978  10978/10978/10978/10978  10978/10978/10978/10 |                                   | Method Of Fabricating Inkjet Nozzle Comprising Suspended Actuator   |                  |
| 1998/287   Not Issued 20   | 11080969 Not Issued 83   103/16/2 | 005 Inkjet Printhead Heater With High Surface Area  |                  |
| 1092295   7048881   50   303182005   System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   Silverbrook, Kia   1092292   7005281   150   303182005   System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   Silverbrook, Kia   1092292   7005281   150   303182005   Printing Mechanism Having Elongate Modular Structure   Silverbrook, Kia   11092293   7065281   150   303182005   Printing Mechanism Having Elongate Modular Structure   Silverbrook, Kia   11092295   Not Issued   30   303182005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   11092295   Not Issued   30   303182005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   11092295   Not Issued   30   303182005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   11092295   Not Issued   30   303182005   System And Method For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kia   11092295   Not Issued   30   303182005   Printhead Assembly   Silverbrook, Kia   11092295   Not Issued   30   303182005   Printhead Assembly   Silverbrook, Kia   11092295   Not Issued   30   303182005   Printhead Assembly   Silverbrook, Kia   11093007   7073897   150   303182005   Printhead Assembly   Silverbrook, Kia   11083007   7073897   150   303182005   Printhead Assembly   Silverbrook, Kia   11084043   7038912   150   303182005   Printhead Chip Mith Nazzie-Clearing Silverbrook   Not Issued   30   303182005   Printhead Chip Mith Nazzie-Clearing Silverbrook   Kia   11084043   Not Issued   30   303212005   Printhead Chip Mith Nazzie-Clearing Silverbrook   Kia   11084238   Not Issued   30   303212005   Printhead Chip Mith Nazzie-Clearing Silverbrook   Kia   11084238   Not Issued   30   303212005   Printhead Chip Mith Nazzie-Clearing Silverbrook   Kia   11084738   Not Issued   30   303212005   Printhead Markup Silverbrook   Kia   11084738  |                                   | 205 System And Method For Generating A Business Card For Authonsing An Electronic Message   |                  |
| 1082828 Not   Issued   150   03/18/2005   System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   Silverbrook, Kia   1082939   708588   150   03/18/2005   Printing Machanism Having Ellongate Modular Structure   Silverbrook, Kia   1082939   708588   150   03/18/2005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   1082935   Not Issued   1   03/18/2005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   1082985   Rep91153   150   03/18/2005   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kia   1082985   Rep91153   150   03/18/2005   System For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kia   1082986   Not Issued   30   03/18/2005   Method Of Fabricating Inkjet Nozzle   Silverbrook, Kia   1082986   Not Issued   30   03/18/2005   Printhead Assembly   Silverbrook, Kia   1082986   Not Issued   30   03/18/2005   Printhead Assembly   Silverbrook, Kia   1083012   6991153   150   03/18/2005   Printhead Assembly   Silverbrook, Kia   1083012   70/18/205   03/18/2005   Printhead Assembly   Silverbrook, Kia   1083012   70/18/205   03/18/2005   Silverbrook, Kia   1083012   70/18/205   103/18/2005   Silverbrook, Kia   1083012   70/18/205   103/18/2005   End Cap   Silverbrook, Kia   1084013   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084013   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   End Cap   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   Silverbrook, Kia   1084023   Not Issued   30   03/18/2005   Silverbrook, Kia   1084755   Not Issued   30   03/18/2005    |                                   |   |                  |
| 1082994   708589   50   03/18/2005   Print Engine Assembly   | 11082829 Not Issued 160 03/18/2   | DOS System And Method For Providing A Form For Registering A Sensing Device With A Relay Device   |                  |
| 11082940   Not Issued   30   307197205   System And Method For Authorising An Electronic Message Using A Business Card   Silverbrook, Kila   11082985   Not Issued   41   303/18/2005   Computer System For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kila   11082986   7014788   150   30718/2005   Method Of Fabricating Inkjet Nozzle   Silverbrook, Kila   11082986   Not Issued   30   30718/2005   Method Of Fabricating Inkjet Nozzle   Silverbrook, Kila   11082986   Not Issued   30   30718/2005   Printhead Assembly   Silverbrook, Kila   11082989   Not Issued   95   303/18/2005   Printhead Assembly   Silverbrook, Kila   11083021   5991154150   303/18/2005   Printhead Assembly   Silverbrook, Kila   11083021   70738921   50   303/18/2005   Printhead Active Milk Enhanced Structural Integrity   Silverbrook, Kila   11084043   7038912   150   303/18/2005   Printhead Active Milk Enhanced Structural Integrity   Silverbrook, Kila   11084238   Not Issued   30   303/12/2005   Printhead Assembly   Silverbrook, Kila   11084238   Not Issued   30   303/12/2005   Method Of Fabricating A Printhead Having Isolated Nozzles   Silverbrook, Kila   1108475   Not Issued   30   303/12/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   1108475   Not Issued   30   303/12/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   1108475   Not Issued   30   303/12/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   1108475   Not Issued   30   303/12/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   1108475   Not Issued   30   303/12/2005   Method Of Printing Which Minimizes Cross-Contamin | 11082932 7008041 150 03/18/2      | 205 Printing Mechanism Having Elongate Modular Structure  |                  |
| 1082955   Not Issued   1   03/19/2005   Inkjet Printhead Assembly Having Aligned Printhead Segments   Silverbrook, Kila   1082986   7014785   150   03/19/2005   Method Of I Fabricating Inkjet Nozzle   Silverbrook, Kila   1082988   Not Issued   30   03/19/2005   Method Of I Fabricating Inkjet Nozzle   Silverbrook, Kila   1082988   Not Issued   30   03/19/2005   Printhead Assembly   Silverbrook, Kila   1082988   Not Issued   50   03/19/2005   Printhead Assembly   Silverbrook, Kila   1083098   Not Issued   50   03/19/2005   Printhead Assembly   Silverbrook, Kila   1083091   7073892   150   03/19/2005   Printhead Chilp With Nozzle-Clearing Structures   Silverbrook, Kila   1083002   7078892   150   03/19/2005   Printhead Chilp With Nozzle-Clearing Structures   Silverbrook, Kila   11083002   707892   150   03/19/2005   Printhead Chilp Having Actuators With Enhanced Structural Integrity   Silverbrook, Kila   1108403   7036912   150   03/21/2005   Printhead Chilp Having Actuators With Enhanced Structural Integrity   Silverbrook, Kila   11084238   Not Issued   30   03/21/2005   Method Of Printhead Chilp Having Actuators With Enhanced Structural Integrity   Silverbrook, Kila   11084238   Not Issued   30   03/21/2005   Method Of Printhead Having Isolated Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kila   11084758   Not Issued   30   03/21/2005   Method Of Printing With Minimizes Cros | 11082939 7066588 150 03/18/2      | 205   Print Engine Assembly   |                  |
| 11082956   6991153   150   03/18/2005   Method Of Fabricating High Nozzle   11082958   Not Issued 30   03/18/2005   Method Of Fabricating High Nozzle   11082958   Not Issued 30   03/18/2005   Method Of Fabricating High Nozzle   1108307   1991154   150   03/18/2005   Printhead Assembly   Silverbrook, Kia   1108307   9991154   150   03/18/2005   Printhead Assembly   Silverbrook, Kia   1108307   7073897   150   03/18/2005   Method For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kia   1108307   7073897   150   03/18/2005   Method For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kia   1108307   7073897   150   03/18/2005   End Cap   Silverbrook, Kia   1108307   7018075   150   03/18/2005   End Cap   Silverbrook, Kia   11084043   7036917   150   03/18/2005   End Cap   Silverbrook, Kia   11084043   7036917   150   03/18/2005   End Cap   Silverbrook, Kia   11084238   Not Issued 30   03/17/2005   Inkjet Printhead Having Isolated Nozzles   Silverbrook, Kia   11084238   Not Issued 30   03/21/2005   Method Of Fabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084742   Not Issued 30   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084752   Not Issued 71   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Method Of Printing With Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Method Of Assembling Inklet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084755   Not Issued 41   03/21/2005   Method Of Assembling Inklet Printhead Having Aligned Printhead Segments   |                                   |   |                  |
| 11082988   7014785   150   03/18/2005   Printhead Assembly   Silverbrook, Kia   11082989   Not Issued   95   03/18/2005   Printhead Assembly   Silverbrook, Kia   11082989   Not Issued   95   03/18/2005   Printhead Assembly   Silverbrook, Kia   11083012   6991154   150   03/18/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   11083012   7073892   150   03/18/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   11083022   7018025   150   03/18/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   1108403   7038912   150   03/21/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   1108403   7038912   150   03/21/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   11084237   Not Issued   30   03/21/2005   Inkige Printhead Having Isolated Nozzies   Silverbrook, Kia   11084240   Not Issued   30   03/21/2005   Method Of Febricating A Printhead Having Isolated Nozzies   Silverbrook, Kia   11084240   Not Issued   30   03/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzies   Silverbrook, Kia   11084742   Not Issued   30   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084753   Not Issued   30   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084755   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Island Actuator   Silverbrook, Kia   11084757   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084757   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084757   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11087557   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned   Silverbrook, Kia   11 | 11082956 6991153 150 03/18/2      | OOS   Computer System For Enabling Collaborative Document Markup Between Participants   |                  |
| 11082989 Not Issued 95   | 11082986 7014785 150 03/18/2      | 005 Method Of Fabricating Inkjet Nozzle   |                  |
| 11083012 6991154   50   03/18/2005   Method For Enabling Collaborative Document Markup Between Participants   Silverbrook, Kia   11083021 707/3892   150   03/18/2005   Printhead Chip With Nozzle-Clearing Structures   Silverbrook, Kia   11083021 707/38972   150   03/18/2005   Printhead Chip Having Actuators With Enhanced Structural Integrity   Silverbrook, Kia   110840337 Not Issued 30   03/21/2005   Printhead Having Isolated Nozzles   Silverbrook, Kia   11084238   Not Issued 30   03/21/2005   Method Of Pabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084249   Not Issued 30   03/21/2005   Method Of Pabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084752   Not Issued 20   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084753   Not Issued 20   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084753   Not Issued 71   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Printhead Nozzle Arrangement With Thermal Band Actuator   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Method Of Assembling Inkiet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084757   Not Issued 30   03/21/2005   Surface Having Disposed Therein Or Thereon Coded Data   Silverbrook, Kia   11087556   Not Issued 30   03/21/2005   Surface Having Disposed Therein Or Thereon Coded Data   Silverbrook, Kia   11087556   Not Issued 31   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087556   Not Issued 31   03/24/2005   Printhead Module Support   Silverbrook, Kia   1108756   Not Issued 30   04/04/2005   Printhead Module Support   Silverbrook, Kia   1108756   Not Issued 30   04/04/2005   Printhead Hodule Support   Silverbrook, Kia   1108768   Not Issued 30   04/04/2005   Printhead Hodule Support   Silverbrook, Kia   1108768   Not Issued 30   04/04/2005   Printhead Hodule Support |                                   |   |                  |
| 1108302  7073892  150   03/18/2005   Printhead Chip With Nozzie-Clearing Structures   Silverbrook, Kia   1108302  7073892  150   03/18/2005   End Cap   Silverbrook, Kia   1108403  7036912  150   03/18/2005   End Cap   Silverbrook, Kia   1108403  7036912  150   03/12/2005   Inkiet Printhead Having Isolated Nozzies   Silverbrook, Kia   1108423  Not Issued 30   03/21/2005   Inkiet Printhead Having Isolated Nozzies   Silverbrook, Kia   1108423  Not Issued 30   03/21/2005   Method Of Fabricating A Printhead Having Isolated Nozzies   Silverbrook, Kia   11084742  Not Issued 30   03/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzies   Silverbrook, Kia   11084742  Not Issued 20   03/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzies   Silverbrook, Kia   11084752  Not Issued 17   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084753  Not Issued 17   03/21/2005   Printer With Ink Printhead Nozzie Arrangement Having Themal Bend Actuator   Silverbrook, Kia   11084757  Not Issued 31   03/21/2005   Printer With Ink Printhead Nozzie Arrangement Having Themal Bend Actuator   Silverbrook, Kia   11084757  Not Issued 30   03/21/2005   Printer With Ink Printhead Nozzie Arrangement Having Themal Bend Actuator   Silverbrook, Kia   11084757  Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   Silverbrook, Kia   11087557  Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557  Not Issued 31   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087569  Not Issued 30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087694  Not Issued 30   03/24/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   1108768  Not Issued 30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11087213  Not Issued 30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbroo | 11083012 6991154 150 103/18/2     | 205 Method For Enabling Collaborative Document Markup Between Participants  |                  |
| 11083022   7018025   150   03/18/2005   End Cap   Silverbrook, Kia   11084033   7036912   150   03/21/2005   Printhead Chip Having Actuators With Enhanced Structural Integrity   Silverbrook, Kia   Silverbrook, Kia   11084237   Not Issued 30   03/21/2005   Inkige Printhead Having Isolated Nozzles   Silverbrook, Kia   11084238   Not Issued 30   03/21/2005   Method Of Fabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084240   Not Issued 30   03/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084742   Not Issued 20   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084752   Not Issued 71   03/21/2005   Ink Printhead Nozzle Arrangement With Thermal Bend Actuator   Silverbrook, Kia   11084755   Not Issued 71   03/21/2005   Printhead Nozzle Arrangement Having Thermal Bend Actuator   Silverbrook, Kia   11084755   Not Issued 31   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084755   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   Silverbrook, Kia   11087556   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued 30   03/21/2005   Printhead Module Support   Silverbrook, Kia   Silverbrook, Kia   Silverbrook, Kia   Silverbrook, Kia   Silverbrook, Kia   Silverbrook, Kia   Si | 11083021 7073892 150 03/18/2      | 205 Printhead Chip With Nozzle-Clearing Structures  | Silverbrook, Kia |
| 11084237   Not Issued   30   03/21/2005   Inkjet Printhead Having Isolated Nozzles   Silverbrook, Kia   11084238   Not Issued   30   03/21/2005   Method Of Fabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084742   Not Issued   30   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084752   Not Issued   71   03/21/2005   Ink Printhead Nozzle Arrangement Having Themal Bend Actuator   Silverbrook, Kia   11084753   Not Issued   71   03/21/2005   Ink Printhead Nozzle Arrangement Having Themal Bend Actuator   Silverbrook, Kia   11084755   Not Issued   71   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084755   Not Issued   31   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084756   Not Issued   30   03/21/2005   Printhead Having Disposed Therein Or Thereon Coded Data   Silverbrook, Kia   11087556   Not Issued   30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued   30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087557   Not Issued   30   03/24/2005   Nozzle Assembly   Silverbrook, Kia   11088896   Not Issued   30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11088896   Not Issued   31   03/24/2005   Printhead Module   Silverbrook, Kia   11088896   Not Issued   31   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   11097184   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097218   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097218   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printh | 11083022 7018025 150 03/18/2      | 005 End Cap   |                  |
| 11084238   Not Issued   30   03/21/2005   Method Of Fabricating A Printhead Having Isolated Nozzles   Silverbrook, Kia   11084240   Not Issued   30   03/21/2005   O3/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084742   Not Issued   20   03/21/2005   O3/21/2005   O3/21 |                                   |   |                  |
| 11084240   Not Issued   30   03/21/2005   Method Of Printing Which Minimizes Cross-Contamination Between Nozzles   Silverbrook, Kia   11084742   Not Issued   20   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084753   Not Issued   71   03/21/2005   In A Printhead Nozzle Arrangement With Fremal Bend Actuator   Silverbrook, Kia   11084753   Not Issued   71   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084755   Not Issued   30   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084757   Not Issued   30   03/21/2005   Printhead Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084796   Not Issued   30   03/21/2005   Printhead Module Support   Silverbrook, Kia   11087556   Not Issued   30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087556   Not Issued   41   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087564   Not Issued   41   03/25/2005   Printhead Module Support   Silverbrook, Kia   11088897   Not Issued   41   03/25/2005   Printhead Module   Silverbrook, Kia   11088897   7077497   150   03/25/2005   Printhead Module   Silverbrook, Kia   11097184   Not Issued   71   03/25/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097218   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097218   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097268  |                                   |   |                  |
| 11084742   Not Issued   20   03/21/2005   Data Storage Format For Encoding A Bit Stream On Or In A Surface   Silverbrook, Kia   11084752   Not Issued   71   03/21/2005   Ink Printhead Nozzle Arrangement With Thermal Bend Actuator   Silverbrook, Kia   11084755   Not Issued   1   03/21/2005   Printer With Ink Printhead Nozzle Arrangement Having Thermal Bend Actuator   Silverbrook, Kia   11084755   Not Issued   1   03/21/2005   Method Of Assembling Inkjet Printhead Having Aligned Printhead Segments   Silverbrook, Kia   11084757   Not Issued   30   03/21/2005   Printhead   Silverbrook, Kia   11084756   Not Issued   30   03/21/2005   Surface Having Disposed Therein Or Thereon Coded Data   Silverbrook, Kia   11087556   Not Issued   30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087556   Not Issued   41   03/24/2005   Printhead Module Support   Silverbrook, Kia   11087564   Not Issued   30   03/24/2005   Printhead Module Support   Silverbrook, Kia   11088860   Not Issued   41   03/25/2005   Printhead Module   Silverbrook, Kia   11088860   Not Issued   41   03/25/2005   Printhead Module   Silverbrook, Kia   11088897   7077497   150   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   11097184   Not Issued   71   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   11097184   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097218   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097278   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Ki | 11084240 Not Issued 30 03/21/2    | Method Of Printing Which Minimizes Cross-Contamination Between Nozzles  | Silverbrook, Kia |
| 11084755   Not Issued   1  | 11084742 Not Issued 20 03/21/2    | Data Storage Format For Encoding A Bit Stream On Or In A Surface  |                  |
| 17084755   Not Issued   1  |                                   | 205   Ink Printhead Nozzle Arrangement With Thermal Bend Actuator   |                  |
| 110847557 Not Issued 30  |                                   | 2005 Method Of Assembling Inkiet Printhead Having Aligned Printhead Segments  |                  |
| 11084756  Not Issued   93   03/24/2005   Oyzel Assembly   Silverbrook, Kia   Silverbroo | 11084757 Not Issued 30 03/21/2    | D05 Printhead   | Silverbrook, Kia |
| 11087557 Not Issued   30   03/24/2005   Nozzle Assembly   Silverbrook, Kia   11087564 Not Issued   30   03/24/2005   Printhead Module   Silverbrook, Kia   11088860 Not Issued   31   03/25/2005   Printhead Module   Silverbrook, Kia   11088867   7077497   150   03/25/2005   Compact Printer Module   Silverbrook, Kia   11088897   7077497   150   03/25/2005   Compact Printer Module   Silverbrook, Kia   11097184 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097185 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097212 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097213 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097213 Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097266 Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097267 Not Issued   30   04/04/2005   Method Of Hydrophobically Coating A Printhead   Silverbrook, Kia   11097268 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097268 Not Issued   30   04/04/2005   Method Of Hydrophobically Coating A Printhead   Silverbrook, Kia   11097268 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097269 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   Silverbrook, Kia   11097269 Not Issued   30   04/04/2005   Self Passivating Transition Metal Nitride Printhead Heaters   Silverbrook, Kia   Silv | 11084796 Not Issued 30 03/21/2    | 005 Surface Having Disposed Therein Or Thereon Coded Data   |                  |
| 11087564 Not Issued   30   03/24/2005   Printhead Module   Silverbrook, Kia   11088860 Not Issued   41   03/25/2005   Printhead Module   Silverbrook, Kia   11088860 Not Issued   41   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   Silverbrook, Kia   11088897   7077497   150   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   11097184 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097184 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097218 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097218 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   110972768 Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097266 Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097267 Not Issued   30   04/04/2005   Hydrophobically Coating A Printhead   Silverbrook, Kia   11097268 Not Issued   30   04/04/2005   Hydrophobically Coating A Printhead   Silverbrook, Kia   11097269 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   Silverbr |                                   |   |                  |
| 11086866 Not Issued   41   03/25/2005   Printer Nozzle For Ejecting Ink   Silverbrook, Kia   11088896 Not Issued   71   03/25/2005   Elongate Compact Printer Module   Silverbrook, Kia   11088897   7077497   150   03/25/2005   Compact Printer Module   Silverbrook, Kia   11097184 Not Issued   30   04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   11097185 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097212 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097212 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097266 Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097267 Not Issued   30   04/04/2005   Method Of Hydrophobically Coating A Printhead   Silverbrook, Kia   11097267 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097268 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097269 Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   |                                   |   |                  |
| 1108898  Not Issued   71   03/25/2005   Compact Printer Module   Silverbrook, Kia   11097184   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097185   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097212   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097212   Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097213   Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Method Of Hydrophobically Coating A Printhead   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097269   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   Silverbroo |                                   |   | Silverbrook, Kia |
| 11097184 Not Issued   30    04/04/2005   Printhead Chip Having Low Aspect Ratio Ink Supply Channels   Silverbrook, Kia   | 11088896 Not Issued 71 03/25/2    | 005 Elongate Compact Printer Module   |                  |
| 11097185   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels Interrupted By Transverse Bridges   Silverbrook, Kia   11097212   Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   11097213   Not Issued   30   04/04/2005   Printhead Heaters With A Nanocrystalline Composite Structure   Silverbrook, Kia   11097266   Not Issued   30   04/04/2005   Method Of Hydrophobically Coating A Printhead   Silverbrook, Kia   11097267   Not Issued   30   04/04/2005   Hydrophobically Coated Printhead   Silverbrook, Kia   11097268   Not Issued   30   04/04/2005   Printhead Chip Having Longitudinal Ink Supply Channels   Silverbrook, Kia   11097269   Not Issued   30   04/04/2005   Self Passivating Transition Metal Nitride Printhead Heaters   Silverbrook, Kia   Silverbrook, Kia   11097299   Not Issued   30   04/04/2005   Self Passivating Transition Metal Nitride Printhead Heaters   Silverbrook, Kia   Silverbrook |                                   |   |                  |
| 11097212   Not Issued   30   04/04/2005   Printhead Heaters With Small Surface Area   Silverbrook, Kia   |                                   | DOS Printhead Chip Having Low Aspect Ratio Ink Supply Channels Interrupted By Transverse Bridges  |                  |
| 11097213         Not Issued         30         04/04/2005         Printhead Heaters With A Nanocrystalline Composite Structure         Silverbrook, Kia           11097266         Not Issued         30         04/04/2005         Method Of Hydrophobically Coating A Printhead         Silverbrook, Kia           11097267         Not Issued         30         04/04/2005         Hydrophobically Coated Printhead         Silverbrook, Kia           11097268         Not Issued         30         04/04/2005         Printhead Chip Having Longitudinal Ink Supply Channels         Silverbrook, Kia           11097299         Not Issued         30         04/04/2005         Self Passivating Transition Metal Nitride Printhead Heaters         Silverbrook, Kia  | 11097212 Not Issued 30 04/04/2    | 005 Printhead Heaters With Small Surface Area   | Silverbrook, Kia |
| 11097268 Not Issued         30         04/04/2005         Method Of Hydrophobically Coating A Printhead         Silverbrook, Kia           11097267 Not Issued         30         04/04/2005         Hydrophobically Coated Printhead         Silverbrook, Kia           11097268 Not Issued         30         04/04/2005         Printhead Chip Having Longitudinal Ink Supply Channels         Silverbrook, Kia           11097299 Not Issued         30         04/04/2005         Self Passivating Transition Metal Nitride Printhead Heaters         Silverbrook, Kia  | 11097213 Not Issued 30 04/04/2    | 005 Printhead Heaters With A Nanocrystalline Composite Structure  |                  |
| 11097268 Not Issued 30 04/04/2005 Printhead Chip Having Longitudinal Ink Supply Channels Silverbrook, Kia 11097299 Not Issued 30 04/04/2005 Self Passivating Transition Metal Nitride Printhead Heaters Silverbrook, Kia   | 11097266 Not Issued 30 04/04/2    |   |                  |
| 11097299 Not Issued 30 04/04/2005 Self Passivating Transition Metal Nitride Printhead Heaters Silverbrook, Kia   |                                   |   |                  |
|  |                                   |   | Silverbrook, Kia |
|  |                                   |   | Silverbrook, Kia |

| Application#   Patent#   Status   Date Filed   Title   Investigation   Inves   | Kia                            |
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| 1109731 Not Issued 30  | Kia                            |
| 11097335 Not Issued 30   | Kia                            |
| 11102698 Not Issued 30   | Kia                            |
| 11102842   Not Issued   30   | Kia                            |
| 11102843 Not Issued 30 04/11/2005 [System For Authorising A User To Use A Sensing Device Using A Form Silverbrook, 11102847 Not Issued 61 04/11/2005 [Inkjet Printer Comprising Pagewidth Printhead And Reciprocally Movable Capping Member Silverbrook, 11102857 (14/298) 150 04/11/2005 [Inkjet Printer Comprising Pagewidth Printhead And Reciprocally Movable Capping Member Silverbrook, 11102857 (14/298) 150 04/11/2005 [Inkjet Printer Comprising Pagewidth Printhead And Reciprocally Movable Capping Member Silverbrook, 11102857 (14/298) 150 04/11/2005 [Inkjet Printer Comprising Mems Femperature Sonfigured For Minimizing Thermal Crosstalk Silverbrook, 11102851 Not Issued 30 04/11/2005 [Device For Storing And Printing Images Silverbrook, 11107787] Not Issued 30 04/11/2005 [Device For Storing And Printing Images Silverbrook, 11107788] Not Issued 30 04/18/2005 [Data Storage Device Incorporating A Two-Dimensional Code Silverbrook, 11107789] Not Issued 30 04/18/2005 [Data Storage Device Incorporating A Two-Dimensional Code Silverbrook, 11107794] Not Issued 30 04/18/2005 [System And Method For Delivering A Greeting Card To A User Silverbrook, 11107941] Not Issued 30 04/18/2005 [System And Method For Delivering A Greeting Card To A User Silverbrook, 11107943] Not Issued 30 04/18/2005 [System And Method For Delivering A Greeting Card To A User Silverbrook, 11107944] Not Issued 30 04/18/2005 [System And Method For Delivering A Greeting Card To A User Silverbrook, 11107944] Not Issued 30 04/18/2005 [System And Method For Privating A Fore Interest Card To A User Silverbrook, 11107944] Not Issued 30 04/18/2005 [System And Method For Privating A Fore Interest Card To A User Silverbrook, 11107944] Not Issued 30 04/18/2005 [System And Method For Privating A Fore Interest Card To A User Silverbrook, 11107944] Not Issued 30 04/18/2005 [System And Method For Privating A Fore Interest Card To A User Silverbrook, 11123007] Not Issued 30 05/06/2005 [System And Method For Privating A Fore Interest Card To A User Silverbrook, 11123007] Not Issu | Kia                            |
| 11102845 Not Issued   30   | Kia                            |
| 11102847   Not Issued   61   | Kia                            |
| 1102850  | Kia                            |
| 11102857   6994426   150   04/11/2005   Inkjet Printer Comprising Mems Temperature Sensors   Silverbrook, 11102861 Not Issued 30   04/11/2005   Device For Storing And Printing Images   Silverbrook, 11107792 Not Issued 95   04/18/2005   O4/18/2005   Modular Camera System   Silverbrook, 11107941   Not Issued 30   O4/18/2005   O4/18/2005   System And Method For Delivering A Greeting Card To A User   Silverbrook, 11107943   Not Issued 20   O4/18/2005   Image Sensor And Printer In A Mobile Communications Device   Silverbrook, 11107943   Not Issued 30   O4/18/2005   Image Sensor In A Mobile Communications Device   Silverbrook, 11107943   Not Issued 30   O4/18/2005   O4/18/2005   Image Sensor In A Mobile Communications Device   Silverbrook, 11107943   Not Issued 30   O4/18/2005   System And Method For Providing A Form For Use In Greeting Card Delivery   Silverbrook, 11107940   Not Issued 30   O4/18/2005   O4/18/2005   O4/18/2005   Ink Jet Module   Silverbrook, 11109801   Not Issued 30   O4/22/2005   Ink Jet Module   O4/20/2005   Ink Jet Printhead Having Columnar Arrays Of Transistor Drive Circuits   Silverbrook, 11123007   Not Issued 30   O5/08/2005   Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon   Silverbrook, 11123007   Not Issued 30   O5/08/2005   Substrate Having Photograph And Encoded Audio Signals Provided On A Photograph   Silverbrook, 11123010   O5/08/2005   O5/08/2005   Pagewidth Inkjet Printer Having Driver   Ortrol   Silverbrook, 11123011   Not Issued 30   O5/08/2005   Pagewidth Inkjet Printer Having Ormosite Image Printing Control   Silverbrook, 11123114   Not Issued 30   O5/08/2005     | Kia                            |
| 11102881 Not Issued   30   | Kia                            |
| 11107792   | Kia                            |
| 11107798 Not Issued   30   | Kia                            |
| 11107799   Not Issued   30   | Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia |
| 11107942 Not Issued 30 04/18/2005 Image Sensor And Printer In A Mobile Communications Device Silverbrook, 11107943 Not Issued 30 04/18/2005 Printer And Image Sensor In A Mobile Communications Device Silverbrook, 11107944 Not Issued 30 04/18/2005 System And Method For Providing A Form For Use In Greeting Card Delivery Silverbrook, 11107944 Not Issued 30 04/18/2005 System And Method For Providing A Form For Use In Greeting Card Delivery Silverbrook, 11109801 Not Issued 41 04/20/2005 Ink Jet Module Silverbrook, 111109801 Not Issued 41 04/20/2005 Ink Jet Module Silverbrook, 111123007 Not Issued 82 05/06/2005 Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon Silverbrook, 11123008 Not Issued 30 05/06/2005 System For Recording And Playing Audio Signals Provided On A Photograph Silverbrook, 11123010 6986560 Iso 05/06/2005 Camera For Encoding Audio Signals Provided On A Photograph Silverbrook, 11123011 Not Issued 25 05/06/2005 Pagewidth Inkjet Printer Having Buffered Printing Control Silverbrook, 11123114 Not Issued 30 05/06/2005 Pagewidth Inkjet Printer Having Dryer Silverbrook, 11123138 Not Issued 20 05/06/2005 On-Demand Wallpaper Printer Having Dryer Silverbrook, 11123190 Not Issued 41 05/06/2005 Device Which Processes Images In Accordance With Coded Data On Card Silverbrook, 11124042 7014307 Issued 30 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printer For Printing Connection History Information Silverbrook, 11124149 Not Issued 30 05/09/2005 Mobile Telecommunications Device Wathing A Printer For Printing Connection History Information Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device  | Kia                            |
| 11107942   | Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia        |
| 11107943 Not Issued 30 04/18/2005 Printer And Image Sensor In A Mobile Communications Device Silverbrook, 11107944 Not Issued 30 04/18/2005 System And Method For Providing A Form For Use In Greeting Card Delivery Silverbrook, 11109801 Not Issued 41 04/20/2005 Ink Jet Module Silverbrook, 11111813 7080893 150 04/20/2005 Ink Jet Printhead Having Columnar Arrays Of Transistor Drive Circuits Silverbrook, 11123007 Not Issued 82 05/06/2005 Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon Silverbrook, 11123009 Not Issued 82 05/06/2005 System For Recording And Playing Audio Signals Provided On A Photograph Silverbrook, 11123019 Not Issued 82 05/06/2005 Camera For Encoding Audio Signals Provided On A Photograph Silverbrook, 11123011 Not Issued 30 05/06/2005 Pagewidth Inkjet Printer Having Composite Image Printing Control Silverbrook, 11123011 Not Issued 30 05/06/2005 Pagewidth Inkjet Printer Having Dryer Silverbrook, 11123190 Not Issued 30 05/06/2005 Computer System For Generating A Second Mail Item In Response To A First Mail Item Silverbrook, 11124042 7014307 Issued 41 05/06/2005 Device Which Processes Image In Accordance With Coded Data On Card Silverbrook, 11124042 7014307 Issued 30 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printer For Printing Connection History Information Silverbrook, 1112415 Not Issued 30 05/09/2005 Mobile Telecommunication Device With Stylus Having Printer For Printing Connection History Information Silverbrook, 1112415 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device   | Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia               |
| 11107944   Not Issued   30   04/18/2005   System And Method For Providing A Form For Use In Greeting Card Delivery   Silverbrook, 11109801   Not Issued   41   04/20/2005   Ink Jet Module   Silverbrook, 111123007   Not Issued   82   05/06/2005   Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon   Silverbrook, 11123008   Not Issued   82   05/06/2005   System For Recording And Playing Audio Signals Provided On A Photograph   Silverbrook, 11123009   Not Issued   82   05/06/2005   System For Recording And Playing Audio Signals Provided On A Photograph   Silverbrook, 11123009   Not Issued   82   05/06/2005   Camera For Encoding Audio Signals Provided On A Photograph   Silverbrook, 11123010   G986560   150   05/06/2005   Pagewidth Inkjet Printer Having Composite Image Printing Control   Silverbrook, 11123114   Not Issued   25   05/06/2005   Pagewidth Inkjet Printer Having Dryer   Silverbrook, 11123139   Not Issued   30   05/06/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook, 11123190   Not Issued   30   05/06/2005   Computer System For Generating A Second Mail Item In Response To A First Mail Item   Silverbrook, 11124042   7014307   150   05/06/2005   Device Which Processes Images In Accordance With Coded Data On Card   Silverbrook, 11124044   Not Issued   30   05/09/2005   Printing Unit For An Image Recordal And Generation Apparatus   Silverbrook, 11124149   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Sylus Having Printhead Tip   Silverbrook, 11124149   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Sylus Having Printer For Printing Connection History Information   Silverbrook, 11124151   Not Issued   30   05/09/2005   On-Demand Method Printer For Printing Connection History Information   Silverbrook, 11124151   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook, Silverbrook, 11124151   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile   | Kia<br>Kia<br>Kia<br>Kia<br>Kia<br>Kia                             |
| 1111813   7080893   150   04/22/2005   Ink Jet Printhead Having Columnar Arrays Of Transistor Drive Circuits   Silverbrook, 11123007 Not Issued   82   05/06/2005   Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon   Silverbrook, 11123008 Not Issued   30   05/06/2005   System For Recording And Playing Audio Signals Provided On A Photograph   Silverbrook, 11123009 Not Issued   82   05/06/2005   Camera For Encoding Audio Signals Provided On A Photograph   Silverbrook, 11123011   Not Issued   82   05/06/2005   Pagewidth Inkjet Printer Having Buffered Printing Control   Silverbrook, 11123011   Not Issued   25   05/06/2005   Pagewidth Inkjet Printer Having Composite Image Printing Control   Silverbrook, 1112314   Not Issued   30   05/06/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook, 1112319   Not Issued   30   05/06/2005   Computer System For Generating A Second Mail Item In Response To A First Mail Item   Silverbrook, 11124042   7014307   150   05/06/2005   Device Which Processes Images In Accordance With Coded Data On Card   Silverbrook, 11124042   7014307   150   05/09/2005   Printing Unit For An Image Recordal And Generation Apparatus   Silverbrook, 11124048   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Stylus Having Printhead Tip   Silverbrook, 11124148   Not Issued   30   05/09/2005   Mobile Telecommunication Device With Stylus Having Printine Generation History Information   Silverbrook, 1112415   Not Issued   30   05/09/2005   On-Demand Wallpaper Printer For Printing Connection History Information   Silverbrook, 1112415   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook, Silverbrook, 1112415   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook, Si   | Kia<br>Kia<br>Kia<br>Kia<br>Kia                                    |
| 11123007 Not Issued 82 05/06/2005 Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon Silverbrook, 11123008 Not Issued 82 05/06/2005 Camera For Encodring And Playing Audio Signals Provided On A Photograph Silverbrook, 11123010 6986560 150 05/06/2005 Pagewidth Inkjet Printer Having Buffered Printing Control Silverbrook, 11123011 Not Issued 25 05/06/2005 Pagewidth Inkjet Printer Having Composite Image Printing Control Silverbrook, 11123114 Not Issued 30 05/06/2005 On-Demand Wallpaper Printer Having Dryer Silverbrook, 11123130 Not Issued 20 05/06/2005 On-Demand Wallpaper Printer Having Dryer Silverbrook, 11123190 Not Issued 41 05/06/2005 Computer System For Generating A Second Mail Item In Response To A First Mail Item Silverbrook, 11124042 7014307 150 05/09/2005 Policy Which Processes Images In Accordance With Coded Data On Card Silverbrook, 11124044 Not Issued 30 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 30 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 30 05/09/2005 Print Medium With Leteral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use in A Mobile Device Silverbrook, Silverbrook, Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use in A Mobile Device  | Kia<br>Kia<br>Kia<br>Kia   |
| 11123008 Not Issued 30   05/08/2005   System For Recording And Playing Audio Signats Provided On A Photograph   Silverbrook, 11123010   6986560   150   05/08/2005   Pagewidth Inkjet Printer Having Buffered Printing Control   Silverbrook, 11123011   Not Issued   25   05/08/2005   Pagewidth Inkjet Printer Having Composite Image Printing Control   Silverbrook, 11123114   Not Issued   30   05/08/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook, 11123138   Not Issued   30   05/08/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook, 11123139   Not Issued   30   05/08/2005   Computer System For Generating A Second Mail Item In Response To A First Mail Item   Silverbrook, 11123190   Not Issued   41   05/08/2005   Oevice Which Processes Images In Accordance With Coded Data On Card   Silverbrook, 11124042   7014307   150   05/09/2005   Printing Unit For An Image Recordal And Generation Apparatus   Silverbrook, 11124044   Not Issued   30   05/09/2005   Photograph Including Coded Image Data   Silverbrook, 11124148   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Stylus Having Printhead Tip   Silverbrook, 11124149   Not Issued   20   05/09/2005   Mobile Telecommunication Device Having A Printer For Printing Connection History Information   Silverbrook, 11124150   Not Issued   20   05/09/2005   Mobile Telecommunication Device Having A Printer For Printing Connection History Information   Silverbrook, 11124150   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook, Silverbrook, Silverbrook, 11124151   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook, Silv   | Kia<br>Kia<br>Kia  |
| 11123009 Not Issued   82   05/08/2005   Camera For Encoding Audio Signals   Silverbrook,   | Kia<br>Kia   |
| 11123010 6986580 150 05/06/2005 Pagewidth Inkjet Printer Having Buffered Printing Control Silverbrook, 11123011 Not Issued 25 05/06/2005 Pagewidth Inkjet Printer Having Composite Image Printing Control Silverbrook, 11123114 Not Issued 30 05/06/2005 On-Demand Wallpaper Printer Having Dryer Silverbrook, 11123138 Not Issued 20 05/06/2005 Computer System For Generating A Second Mail Item In Response To A First Mail Item Silverbrook, 11123190 Not Issued 41 05/06/2005 Device Which Processes Images In Accordance With Coded Data On Cerd Silverbrook, 11124094 Not Issued 20 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124044 Not Issued 20 05/09/2005 Photograph Including Coded Image Data Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Lateral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use in A Mobile Device Silverbrook, Silverbrook, Silverbrook, Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use in A Mobile Device  | Kia  |
| 1112301   Not Issued   25   05/08/2005   Pagewidth Inkjet Printer Having Composite Image Printing Control   Silverbrook, 11123114   Not Issued   30   05/08/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook, 11123198   Not Issued   20   05/08/2005   Computer System For Generating A Second Mail Item In Response To A First Mail Item   Silverbrook, 11123190   Not Issued   41   05/08/2005   Device Which Processes Images In Accordance With Coded Data On Card   Silverbrook, 11124042   7014307   150   05/09/2005   Printing Unit For An Image Recordal And Generation Apparatus   Silverbrook, 11124044   Not Issued   20   05/09/2005   Photograph Including Coded Image Data   Silverbrook, 11124148   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Stylus Having Printhead Tip   Silverbrook, 11124149   Not Issued   20   05/09/2005   Mobile Telecommunication Device Having A Printer For Printing Connection History Information   Silverbrook, 11124150   Not Issued   20   05/09/2005   Print Medium With Lateral Data Track   Silverbrook, Silverbrook, 11124151   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use in A Mobile Device   Silverbrook, Silverbro |  |
| 11123114   Not Issued   30   05/08/2005   On-Demand Wallpaper Printer Having Dryer   Silverbrook,   11123130   Not Issued   20   05/08/2005   Computer System For Generating A Second Mail Item In Response To A First Mail Item   Silverbrook,   11123190   Not Issued   41   05/08/2005   Osigo Which Processes Images In Accordance With Coded Data On Card   Silverbrook,   11124042   7014307   150   05/09/2005   Printing Unit For An Image Recordal And Generation Apparatus   Silverbrook,   11124048   Not Issued   20   05/09/2005   Printing Unit For An Image Data   Silverbrook,   11124148   Not Issued   30   05/09/2005   Mobile Telecommunications Device With Stylus Having Printhead Tip   Silverbrook,   11124149   Not Issued   20   05/09/2005   Mobile Telecommunication Device Having A Printer For Printing Connection History Information   Silverbrook,   11124150   Not Issued   20   05/09/2005   Print Medium With Lateral Data Track   Silverbrook,   11124151   Not Issued   30   05/09/2005   Cartridge With Capping Mechanism For Use In A Mobile Device   Silverbrook,      |  |
| 11123190 Not Issued 41 05/06/2005 Device Which Processes Images In Accordance With Coded Data On Card Silverbrook, 11124042 7014307 150 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124044 Not Issued 20 05/09/2005 Photograph Including Coded Image Data Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Leteral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device Silverbrook, Silverbrook,   |  |
| 11124042 7014307 150 05/09/2005 Printing Unit For An Image Recordal And Generation Apparatus Silverbrook, 11124044 Not Issued 20 05/09/2005 Photograph Including Coded Image Data Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Lateral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Cepping Mechanism For Use In A Mobile Device Silverbrook, Silverbrook,  |  |
| 11124044 Not Issued 20 05/09/2005 Photograph Including Coded Image Data Silverbrook, 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Lateral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device Silverbrook,   |  |
| 11124148 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Stylus Having Printhead Tip Silverbrook, 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Leteral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device Silverbrook, Silverbrook, Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device  |  |
| 11124149 Not Issued 20 05/09/2005 Mobile Telecommunication Device Having A Printer For Printing Connection History Information Silverbrook, 11124150 Not Issued 20 05/09/2005 Print Medium With Lateral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device Silverbrook,   |  |
| 11124150 Not Issued 20 05/09/2005 Print Medium With Lateral Data Track Silverbrook, 11124151 Not Issued 30 05/09/2005 Cartridge With Capping Mechanism For Use In A Mobile Device Silverbrook,   | Kia  |
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| 11124152 Not lesued 20 05/09/2005 Unk Cartridge Having Domus Insert For Use In A Mobile Device Isstvammok  |  |
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| TITZ-TOO NOT ISSUED OF COLORES INTO NOT THE COLOR OF COLO |  |
| 11124154 Not Issued 30 05/09/2005 Print Medium Having An Orientation Indicator Silverbrook, 11124155 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Printhead Capper That Is Held In Uncapped Position By Media Silverbrook,   |  |
| 11124156 Not Issued 25 05/09/2005 Method Of Using A Mobile Device To Determine A First Rotational Orientation Of Coded Data On A Print Medium Silverbrock,   |  |
| 11124157 Not Issued 30 05/09/2005 Mobile Telecommunication Device With Printhead And Media Drive Silverbrook,  | Kia  |
| 11124158 Not Issued 30 05/09/2005 Method Of Accessing A Connection Address Using A Mobile Device With A Sensing Means Silverbrook,   |  |
| 11124159 Not Issued 30 05/09/2005 Mobile Telecommunications Device With Media Edge Detection Silverbrook,  |  |
| 11124160 Not Issued 30 05/09/2005 Mobile Device Including A Force Transfer Mechanism Silverbrook,  |  |
| 1112-10  |  |
| 11124162 Not Issued 20 05/09/2005 Mobile Device For Enabling Interaction With A Printed Email Document Silverbrook, 11124163 Not Issued 30 05/09/2005 Print Medium With Coded Data In Two Formats, Information In One Format Being Indicative Of Information In The Other Silverbrook,   |  |
| Format   |  |
| 11124164 Not Issued 30 05/09/2005 Print Cartridge With Friction Driven Media Feed Shaft Silverbrook,   |  |
| 11124165 Not Issued 30 05/09/2005 Print Medium With Self-Clocking Data Track And Method Of Printing Onto The Print Medium Silvedrook,  |  |
| 11124166 Not Issued 30 05/09/2005 Ducting Between Ink Outlets Of Sectioned Ink Reservoir Silverbrook,  |  |
| TTT24TOT/166T35CCC DC CO/CCCCCC IMICOCC TCCCCC/MINICIPACTOTICS   |  |
| 11124168 Not Issued 20 05/09/2005 Mobile Telecommunications Device With Interactive Paper Sensor Silverbrook, 11124169 Not Issued 25 05/09/2005 Method Of Using A Mobile Device To Print Onto A Print Medium Taking Into Account An Orientation Of A Print Medium Silverbrook,   |  |
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| 11124170 Not Issued 30 05/09/2005 Printhead Cartridge Having An Integrated Circuit Storing An Identifier For Use In Mobile Device Silverbrook,   |  |
| 11124171 Not Issued 41 05/09/2005 Print Medium With Removable Portion Silverbrook,   |  |
| 11124172 Not Issued 30 05/09/2005 Print Medium With Lateral Data Track Used In Lateral Registration Silverbrook,   |  |
| 11124173 NOU135060 30 103/03/2003 17 HIR Calculage Vital Citigle Brite Charleton Cardia Cardia   |  |
| 11124174 Not Issued 30 05/09/2005 Mobile Device With Printhead For Receiving Data Via Modulate Light Signal Silverbrook, 11124175 Not Issued 30 05/09/2005 Mobile Telecommunication Device With A Printhead, A Capper And A Locking Mechanism For Holding The Capper In An Silverbrook,  |  |
| 111241/3 Not issued 30 US/09/2009 Felecommunication Device with A Plintied, A Capper AND A Cooking Medianism of Tolking The Capper MAI Office Section Device with A Plintied A Capper AND A Cooking Medianism of Tolking The Capper MAI Office Section Device Section | <u> </u>   |
| 11124176 Not Issued 30 05/09/2005 Mobile Telecommunications Device Dual Media Coding Detectors Silverbrook,  |  |
| 11124177 Not Issued 30 05/09/2005 Mobile Device With A Printer And A Stylus Having A Printhead Tip Silverbrook,  |  |
| 11124178 Not issued 30 05/09/2005 Method Of Using A Mobile Device To Authenticate A Printed Token And Output An Image Associated With The Token Silverbrook,   | , Kua  |
| 11124179 Not Issued 30 05/09/2005 Method Of Producing A Business Card Using A Mobile Telecommunications Device Silverbrook,  | Kia -  |
| TITE-TITO NOT TECCHO DE TECNO DE TECCHO DE TEC |  |
| 11124180 Not Issued 20 05/09/2005 Method Of Authenticating A Print Medium Before Printing Silverbrook, 11124181 Not Issued 25 05/09/2005 Method Of Reading Coded Data From A Print Medium Before Printing Silverbrook,   |  |
| 11124182  Not Issued 20   05/09/2005   Mobile Device That Commences Printing Before Reading All Of The First Coded Data On A Print Medium   Silverbrook,   | , Kia  |
| 11124183 Not Issued 30 05/09/2005 Method Of Authenticating A Print Medium Offline Silverbrook,   |  |
| 11124184 Not Issued 30 05/09/2005 Mobile Device That Reads Entire Of First Coded Data Before Commencing Printing Silverbrook.  |  |
| 11124185 Not Issued 41 05/09/2005 Print Medium Including Coded Data Indicative Of A Physical Characteristic Thereof Silverbrook,   |  |
| TT 12-100 Not issued 25   Toleron 2000 Till Minister That Good Gale 12-51  |  |
| 11124187 Not Issued 25 05/09/2005 Carnidge Having One-Time Changeable Data Storage For Use In A Mobile Device Silverbrook, 11124188 Not Issued 30 05/09/2005 Carnidge Having Integrated Circuit For Enabling Validation Thereof By A Mobile Device Silverbrook   |  |
| 11124189 Not Issued 30 05/09/2005 Ink Usage Tracking In A Cartridge For A Mobile Device Silverbrook,   | Kia  |
| 11124190 Not Issued 30   05/09/2005   Mobile Device Configured To Commence Printing When A Print Medium Is Inserted   Silverbrook,   | Kia  |
| 11124191 Not Issued 30 05/09/2005 Method Of Using A Mobile Device To Determine A Position Of A Print Medium Configured To Be Printed On By The Mobil Silverbrook.  | , Kia  |
| Device   | Kia  |
| 11124192 Not Issued 30 05/09/2005 Mobile Telecommunications Device With A Capper Moveable Between Capping And Uncapping Positions By The Printhead Silverbrook   | , riid   |
| 11124193 Not Issued 20 05/09/2005 Method Of Authenticating A Print Medium Online Silverbrook,  | , Kia  |
| 11124194 Not Issued 30 0509/2005 Method Of Authenticating A Print Medium Chiline International Control Print Data Silverbrook  |  |
| 11124195 Not Issued 30 05/09/2005 Mobile Telecommunication Device With A Printhead And Single Media Feed Roller Silverbrook  | , Kia  |
| 11124196 Not Issued 30 05/09/2005 Method Of Using A Mobile Device With Sensing Means To Interact With Printed Schedule Information Silverbrook   |  |
| 11124197 Not Issued 30 05/09/2005 Print Medium Having Coded Data And An Orientation Indicator Silverbrook  |  |
| 11124198 Not Issued 30 05/09/2005 Method Of Printing A Voucher Based On Geographical Location Silverbrook  |  |
| 11124199 Not Issued 30 05/09/2005 Mobile Device For Printing Schedule Data Silverbrook 11124200 Not Issued 40 05/09/2005 Mobile Telecommunication Device With A Printhead And Media Sheet Position Sensor Silverbrook  |  |
| 111242/01 Not Issued   41   05/09/2005   Mobile Device For Printing On Pre-1staged Media   Silverbrook   |  |
| 11124202 Not Issued 30 05/09/2005 Cartridge With Printhead And Media Feed Mechanism For Mobile Device Silverbrook  | , Kia  |
| 11124231 Not Issued 20 05/09/2005   Controller For An Inkjet Printer   Silverbrook   | , Kia  |
| 1112423   Not issued   41   05/09/2005   Centrolled For an inject Printer   1112425   Not issued   41   05/09/2005   Method Of Generating A Second Mail Item In Response To A First Mail Item   Silverbrook  |  |

| Application# Patent# Status                          |            |  | Inventor Name                        |
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| 11124284 Not Issued 20<br>11124285 7052120 150       |            | Substrate Including Digital Photographic Image And Coded Image Data Ink Chamber For An Ink Supply System   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11124292 7004577 150                                 | 05/09/2005 | Baffle Unit For An Ink Supply System In A Portable Printer   | Silverbrook, Kia                     |
| 11124348 Not Issued 30<br>11126205 Not Issued 71     |            | Inkjet Printhead With Micro-Electromechanical Fluid Ejection Devices Having Integrated Movement Sensors Printhead Integrated Circuit Having Ink Ejecting Thermal Actuators | Silverbrook, Kia<br>Silverbrook, Kia |
| 11126221 Not Issued 95                               | 05/11/2005 | Combined Media-And Ink-Supply Cartridge  | Silverbrook, Kia                     |
| 11129418 Not Issued 95                               | 05/16/2005 | Print Engine With A Printhead Assembly Arranged Within A Media Tray Assembly   | Silverbrook, Kia                     |
| 11132375 Not Issued 93<br>11144758 Not Issued 95     |            | Printhead Integrated Circuit Having Heater Elements With High Surface Area Use Of Fluidic Seal In A Method Of Ejecting Ink From An Inkjet Nozzle                           | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144760 Not Issued 93                               | 06/06/2005 | Printhead Ic With Actuator Movement Parallel To Ink Inlet Flow   | Silverbrook, Kia                     |
| 11144778 Not Issued 41                               |            | Printhead Assembly With Power And Ground Connections Along Single Edge   | Silverbrook, Kia                     |
| 11144799 Not Issued 30<br>11144800 Not Issued 71     |            | Printhead Having Common Actuator For Inkjet Nozzles  Mobile Device With Integral Print Apparatus And Print Media Supply  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144801 Not Issued 95                               | 06/06/2005 | Inkjet Printhead Comprising Contractible Nozzle Chambers   | Silverbrook, Kia                     |
| 11144802 Not Issued 30                               |            | Printer With A Self-Cleaning Inkjet Printhead Assembly   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144803 Not Issued 83<br>11144804 Not Issued 93     |            | Inkjet Printer With A Pagewidth Printhead Assembly Printer Having A Printhead With An Inkjet Printhead Chip For Use With A Pulsating Pressure Ink Supply                   | Silverbrook, Kia                     |
| 11144805 Not Issued 95                               | 06/06/2005 | Compact Media And Ink Cartridge For Inkjet Printhead   | Silverbrook, Kia                     |
| 11144806 7025436 150<br>11144807 Not Issued 93       |            | Method Of Detecting A Blockage Within An Inkjet Nozzle Nanotube Based Multi-Level Memory Structure   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144808 Not Issued 30                               |            | Printhead Assembly With Support Member For Pagewidth Printhead   | Silverbrook, Kia                     |
| 11144809 Not Issued 30                               |            | Pagewidth Printhead Assembly Having Aligned Printhead Modules  | Silverbrook, Kia                     |
| 11144810 Not Issued 30<br>11144811 7044577 150       |            | Thermally Stable Pagewidth Printhead Assembly Printer Having A Rotary Platen Assembly For Supporting Print Media   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144812 Not Issued 30                               | 06/06/2005 | Support Beam For Printhead Modules   | Silverbrook, Kia                     |
| 11144813 Not Issued 30                               |            | Filtered Air Supply For Nozzle Guard   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11144814 7010456 150<br>11144815 Not Issued 95       |            | Printhead Assembly With Support Shell For Pagewidth Printhead Inkiet Printhead Integrated Circuit  | Silverbrook, Kia                     |
| 11144840 Not Issued 20                               | 06/06/2005 | System For Determining The Rotational Orientation Of A Sensing Device  | Silverbrook, Kia                     |
| 11144844 Not Issued 20<br>11148236 Not Issued 30     |            | Method Of Forming A Nozzle Rim Printer With Elongate Support Structure For Printhead   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11148236 Not Issued   30<br>11148238 Not Issued   25 |            | Method Of Configuring A Printer For Vacation Periods   | Silverbrook, Kia                     |
| 11149159 Not Issued 30                               | 06/10/2005 | Pagewidth Printer And Computer Keyboard Combination  | Silverbrook, Kia                     |
| 11149160 Not Issued 20<br>11149324 Not Issued 30     |            | Apparatus For Cooling And Storing Produce Keyboard For A Computer System   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11149324 Not Issued 30                               |            | Modular Printhead  | Silverbrook, Kia                     |
| 11154654 Not Issued 25                               |            | Inkjet Printer With In-Built Drying Compartment  | Silverbrook, Kia                     |
| 11154676 Not Issued 20<br>11155513 Not Issued 30     |            | Method For Performing Games Printhead Module For An Inkjet Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11155514 7077330 150                                 |            | Arrangement For Reading Coded Data Printed On A Card   | Silverbrook, Kia                     |
| 11155544 Not Issued 71                               |            | Inkjet Printer Having Associated Printhead, Control And Memory Modules   | Silverbrook, Kia                     |
| 11155545 Not Issued 30<br>11155556 Not Issued 20     |            | Printhead Assembly Comprising Laminated Ink Distribution Structure Sensing Device For Sensing A Position Within A Region   | Silverbrook, Kia                     |
| 11155557 Not Issued 30                               | 06/20/2005 | Sensing Device For Sensing A Position Relative To A Surface  | Silverbrook, Kia                     |
| 11155627 Not Issued 30<br>11155630 Not Issued 30     |            | Printer Within A Computer Keyboard  Computer System Having Integrated Printer And Keyboard   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11155634 Not Issued 95                               | 06/20/2005 | Method Of Detecting Over-Actuation Of Mem Device   | Silverbrook, Kia                     |
| 11159193 Not Issued 61                               | 06/23/2005 | Ink Jet Nozzle Arrangement Having Paddle Forming A Portion Of A Wall   | Silverbrook, Kia                     |
| 11159196 Not Issued 30<br>11159197 Not Issued 30     |            | Graphic Design Software Using An Interface Surface Micro-Electromechanical Liquid Ejection Device  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11165026 7052113 150                                 | 06/24/2005 | Inkjet Printhead Comprising Printhead Integrated Circuits  | Silverbrook, Kia                     |
| 11165027 Not Issued 30<br>11165055 7066578 150       |            | Ink Supply Arrangement With Improved Ink Flows Inkjet Printhead Having Compact Inkjet Nozzles  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11165062 Not Issued 30                               |            | Printhead Fabrication Method   | Silverbrook, Kia                     |
| 11165183 7055934 150                                 |            | Inkjet Nozzle Comprising A Motion-Transmitting Structure   | Silverbrook, Kia                     |
| 11165184 Not Issued 93<br>11165198 Not Issued 100    |            | Inkjet Printhead Having Multiple-Sectioned Nozzle Actuators  Mems Fluid Ejection Device Configured For Detecting A Fault Condition   | Silverbrook, Kia                     |
| 11165302 Not Issued 93                               |            | Printhead Integrated Circuit Comprising Thermal Bend Actuator  | Silverbrook, Kia                     |
| 11171428 Not Issued 30                               |            | Inkjet Printhead Having Grouped Inkjet Nozzles   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11172810 7055935 150<br>11172815 Not Issued 30       |            | Ink Ejection Devices Within An Inkjet Printer Red-Shifted Water Dispersible Napthalocyanine Dyes   | Silverbrook, Kia                     |
| 11172837 Not Issued 93                               | 07/05/2005 | Inkjet Printhead Having Thermally Durable Mem Inkjet Array   | Silverbrook, Kia                     |
| 11172838 Not Issued 41<br>11172839 Not Issued 71     |            | Printhead Assembly Comprising Inkjet Printhead And Nozzle Guard Method Of Producing A Printed, Bound Document  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11172896 Not Issued 30                               |            | Printer Including Support Member For Supporting Modular Pagewidth Printhead  | Silverbrook, Kia                     |
| 11172897 Not Issued 41                               | 07/05/2005 | Printhead Assembly With Similar Substrate And Nozzle Guard Material  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11176158 Not Issued 30<br>11176307 Not Issued 93     |            | Method Of Fabricating A Micro-Electromechanical Actuating Mechanism Printhead Assembly With Printhead Modules  | Silverbrook, Kia                     |
| 11176347 Not Issued 93                               | 07/08/2005 | Fluid Ejection Device With A Through-Chip Micro-Electromechanical Actuator   | Silverbrook, Kia                     |
| 11177376 Not Issued 41                               |            | Printhead Assembly With Modular Detachable Printheads Fluid Chamber Configuration Within An Inkjet Printhead   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11177394 Not Issued 30<br>11177395 Not Issued 71     |            | Ink Jet Printhead Assembly With An Ink Distribution Manifold   | Silverbrook, Kia                     |
| 11177412 Not Issued 41                               | 07/11/2005 | Ink Jet Printhead Assembly With Modular Printheads   | Silverbrook, Kia                     |
|  |            | Systems And Methods For Printing By Using A Position-Coding Pattern  Electronic Recording And Communication Of Information   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11185720 Not Issued 41                               | 07/21/2005 | Ink Jet Printhead Nozzle Arrangement With Actuated Nozzle Chamber Closure  | Silverbrook, Kia                     |
| 11185721 Not Issued 95                               |            | Micro-Electromechanical Fluid Ejection Device With Actuator Guide Formations   | Silverbrook, Kia<br>Silverbrook, Kia |
|  |            | Electronically Controllable Pen Comprising A Force Switch  Modular Printhead Assembly With Capping Devices   | Silverbrook, Kia                     |
| 11185880 Not Issued 71                               | 07/21/2005 | Generation Of Print Data   | Silverbrook, Kia                     |
| 11185952 Not Issued 30<br>11187976 Not Issued 30     | 07/21/2005 | Printing Cartridge With A Print Roll Incorporating An Ink Supply  Mobile Device With Printhead And Media Path In Two Relatively Moveable Sections                          | Silverbrook, Kia<br>Silverbrook, Kia |
|  | 07/25/2005 | Mobile Device With Printhead And Printed Media Collection Tray   | Silverbrook, Kia                     |
| 11188014 Not Issued 30                               | 07/25/2005 | Mobile Device With Battery Between Input Interface And Print Media Cartridge   | Silverbrook, Kia                     |
| 11188015 Not Issued 30<br>11188016 Not Issued 20     | 07/25/2005 | User Interaction With Hand-Drawing Software Via Interface Surface Interactive Surface For Enabling User Interaction With Software  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11188017 Not issued 30                               | 07/25/2005 | Inkjet Printhead With Supply Ducts In Reverse Side Of Water  | Silverbrook, Kia                     |
| 11188018 Not Issued 93                               | 07/25/2005 | Printhead Chip With Electro-Thermal Actuators Incorporating Heatsinks  | Silverbrook, Kia                     |
| 11189695 Not Issued 20<br>11190902 Not Issued 20     |            | Interface Surface For User Interaction With A Computer System Via A Sensing Device Digital Camera With Ancillary Data Capture  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11193435 Not Issued 20                               | 08/01/2005 | Stytus With Customizable Appearance  | Silverbrook, Kia                     |
| 11193479 Not Issued 20                               |            | Printer With User Id Sensor  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11193481 Not Issued 30<br>11193482 Not Issued 20     |            | Head Mounted Display With Wave Front Modulator Pre-Loaded Force Sensor   | Silverbrook, Kia                     |
| 11198235 Not Issued 30                               |            | Method Suitable For Etching Hydrophillic Trenches In A Substrate   | Silverbrook, Kia                     |

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| Application# Patent# Status<br>11202112 Not Issued 41   |  | Information Management System With Authenticity Check   | Inventor Name<br>Silverbrook, Kia  |
| 11202217 Not Issued 20  | 08/12/2005   | Micro-Electromechanical Integrated Circuit Device With Laminated Actuators  | Silverbrook, Kia   |
| 11202218 Not Issued 20  | 08/12/2005   | Method Of Delivering Facsimile  | Silverbrook, Kia   |
| 11202235 Not Issued 30  |  | Method Of Reading A Two-Dimensional Code Carrying Image Processing Instructions   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11202251 Not Issued 30<br>11202252 Not Issued 30  |  | Recording Of Information Business Card  | Silverbrook, Kia   |
| 11202253 Not Issued 20  |  | Device And Method For Communication   | Silverbrook, Kia   |
| 11202308 6991318 150  | 08/12/2005   | Inkjet Printhead Device Having An Array Of Inkjet Nozzles Arranged According To A Heirarchical Pattern  | Silverbrook, Kia   |
| 11202331 Not Issued 93  |  | Ink Jet Printhead Chip With Volumetric Ink Ejection Mechanisms  | Silverbrook, Kia   |
| 11202332 Not Issued 93<br>11202342 Not Issued 95  | 08/12/2005   | Inkjet Printing Device That Includes Nozzles With Volumetric Ink Ejection Mechanisms  Printhead Integrated Circuit Comprising Inkjet Nozzles Having Moveable Roof Actuators   | Silverbrook, Kia   |
| 11202343 Not Issued 30  |  | Pagewidth Inkjet Printhead Assembly Having A Composite Support Structure  | Silverbrook, Kia   |
| 11202344 Not Issued 30  | 08/12/2005   | Micro-Electromechanical Integrated Circuit Device For Fluid Ejection  | Silverbrook, Kia   |
| 11202347 Not Issued 30  | 08/12/2005   | Inkjet Printhead Device Having Nozzle Guard And Ink Containment Formations  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11203173 Not Issued 30<br>11203180 Not Issued 71  |  | Print Media Cartridge Incorporating Print Media And A Print Media Transport Mechanism  Nozzle Array For Pen Printhead   | Silverbrook, Kia   |
| 11203181 Not Issued 20  | 08/15/2005   | Pagewidth Inkjet Printer With High Data Rate Printer Architecture   | Silverbrook, Kia   |
| 11203187 Not Issued 30  | 08/15/2005   | Printhead Assembly For A Pagewidth Inkjet Printer Incorporating A Series Of Printhead Modules   | Silverbrook, Kia   |
| 11203188 Not Issued 30  |  | Print Media Cartridge Incorporating Print Media And Ink Housing Assemblies  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11203189 Not Issued 93<br>11203200 Not Issued 20  |  | Printhead Assembly With Ink Delivery Assembly Carrying Data And Power Board  Facsimile Delivery Method And System Using Associated Identifiers  | Silverbrook, Kia   |
| 11203205 Not Issued 20  |  | System For Associating Printer Account Data   | Silverbrook, Kia   |
| 11203241 Not Issued 30  | 08/15/2005   | Printer For Duplex Printing With Multiple Printhead Modules   | Silverbrook, Kia   |
| 11203242 Not Issued 20  | 08/15/2005   | Method Of Printing Document Copies  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11206756 Not Issued 20<br>11206778 Not Issued 30  |  | Relay Device For Relaying Data From A Sensing Device To A Computer System  Method Of Enabling Travel Service Transactions   | Silverbrook, Kia   |
| 11206776 Not Issued 30  |  | Printer Module For A Printing Array   | Silverbrook, Kia   |
| 11206920 Not Issued 30  | 08/19/2005   | Micro-Electromechanical Integrated Circuit Device And Associated Register And Transistor Circuitry  | Silverbrook, Kia   |
| 11209709 Not Issued 30  |  | Micro-Electromechanical Fluid Ejection Device With An Array Of Nozzle Assemblies Incorporating Fluidic Seals  | Silverbrook, Kia   |
| 11209710 Not Issued 95  | 108/24/2005  | Printing System With Opposed Printhead Assemblies For Double-Side Printing Handheld Mobile Communications Device Incorporating A Pagewidth Printer Apparatus  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11209711 Not Issued 20<br>11209712 Not Issued 30  |  | Pagewidth Inkjet Printhead Incorporating Power And Data Transmission Circuitry  | Silverbrook, Kia   |
| 11210687 Not Issued 30  | 08/25/2005   | Printhead Heaters With Short Pulse Time   | Silverbrook, Kia   |
| 11212637 Not Issued 77  | 08/29/2005   | Printhead Nozzle With Reduced Ink Inertia And Viscous Drag  | Silverbrook, Kia   |
| 11212756 Not Issued 95  |  | Pagewidth Printer Having A Printer Controller With Page Expansion And Control Circuitry   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11212759 Not Issued 20<br>11212823 Not Issued 95  | 08/29/2005   | Printing Assembly For Printing, Stacking And Binding Pages Printhead Having Printhead Modules Vertically Offset At Join Region  | Silverbrook, Kia   |
| 11222977 Not Issued 30  | 09/12/2005   | Method Of Enabling A User To Request Targeted Information From A Printed Interactive Document   | Silverbrook, Kia   |
| 11223018 Not Issued 30  | 09/12/2005   | Wide Format Printer Having A Web Path Adapted For High Speed Printing   | Silverbrook, Kia   |
| 11223019 Not Issued 30  | 09/12/2005   | Feed Mechanism For Maintaining Constant Web Tension In A Wide Format Printer  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11223020 Not Issued 30<br>11223021 Not Issued 30  |  | Method Of Printing With Facile Removal Of Print Media Roll From Take-Up Spool  Take-Up Spool For A Printer  | Silverbrook, Kia   |
| 11223021 Not Issued 30  |  | Spool Adapted For Gripping A Roll Of Print Media  | Silverbrook, Kia   |
| 11223114 Not Issued 30  | 09/12/2005   | Printhead Assembly For A Wide Format Printer  | Sitverbrook, Kia   |
| 11223262 Not Issued 30  |  | Wide Format Printer Having Alternative Print Zone Arrangement   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11225154 Not Issued 30<br>11225156 Not Issued 25  | 109/14/2005  | Modular Printing Device With Peripheral Connectors  Print Media Cartridge With Integral Print Media And Collapsing Ink Supply Chambers  | Silverbrook, Kia   |
| 11225156 Not Issued 30  | 09/14/2005   | Micro-Electromechanical Fluid Ejection Device With Through-Wafer Inlets And Nozzle Chambers   | Silverbrook, Kia   |
| 11225171 Not Issued 30  | 09/14/2005   | Pagewidth Inkjet Printhead Assembly With An Integrated Printhead Circuit  | Silverbrook, Kia   |
| 11225172 Not Issued 20  | 09/14/2005   | Mobile Phone Device Incorporating A Printer Assembly  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11225173 Not Issued 61<br>11227239 Not Issued 20  |  | Print Engine Assembly With An Elongate Converging Ink Distribution Assembly  Method For Providing A Mailing System  | Silverbrook, Kia   |
| 11227240 Not Issued 30  | 09/16/2005   | Inkjet Printing Mechanism With A Displaceable Platen Assembly   | Silverbrook, Kia   |
| 11227241 Not Issued 30  | 09/16/2005   | Ink Distribution Structure For A Printhead  | Silverbrook, Kia   |
| 11228407 Not Issued 25  | 09/19/2005   | Printhead Assembly With A Laminated Stack Of Ink Distribution Layers  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11228410 Not Issued 30<br>11228433 Not Issued 30  | 109/19/2005  | Method Of Generating Halftone Print Data That Accommodates Overlapping Printhead Chips Printhead Assembly With Ink Distribution Assembly And Printhead Integrated Circuits  | Silverbrook, Kia   |
| 11228433 Not Issued 93  |  | Inkjet Printing Assembly With Multi-Purpose Platen Assembly   |  |
| 11228435 Not Issued 71  | 09/19/2005   | Inkjet Printhead With Reciprocating Actuator  | Silverbrook, Kia   |
| 11228450 Not Issued 20  | 1  |   | Silverbrook, Kia   |
| 11228477 Not Issued 30  |  | System For Capturing Information From A Printed Document  | Silverbrook, Kia<br>Silverbrook, Kia   |
|   | 09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11228478 Not Issued 25  | 09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface   | Silverbrook, Kia<br>Silverbrook, Kia   |
|   | 09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11228478 Not Issued 25<br>11228479 Not Issued 30<br>11228480 Not Issued 30<br>11228481 Not Issued 30  | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
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| 11228478 Not Issued 25<br>11228479 Not Issued 30<br>11228480 Not Issued 30<br>11228481 Not Issued 30<br>11228482 Not Issued 35<br>11228483 Not Issued 35  | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device Link Object To Sticker Printing A Trading Card Using A Mobile Device   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
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| 11228478 Not Issued 25<br>11228479 Not Issued 30<br>11228480 Not Issued 30<br>11228481 Not Issued 30<br>11228481 Not Issued 25<br>11228483 Not Issued 30<br>11228483 Not Issued 30<br>11228485 Not Issued 30<br>11228486 Not Issued 30<br>11228486 Not Issued 25  | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device Link Object To Sticker Printing A Trading Card Using A Mobile Device Retrieving An Image Via A Coded Surface Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Printing A Security Identification Using A Mobile Device  | Silverbrook, Kia   |
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| 11228478 Not Issued 25<br>11228479 Not Issued 30<br>11228480 Not Issued 30<br>11228481 Not Issued 25<br>11228483 Not Issued 25<br>11228483 Not Issued 30<br>11228484 Not Issued 30<br>11228486 Not Issued 30<br>11228487 Not Issued 25<br>11228487 Not Issued 30  | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device Link Object To Sticker Printing A Trading Card Using A Mobile Device Retrieving An Image Via A Coded Surface Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Sticker Including A First And Second Region Retrieving Contact Details Via A Coded Surface Retrieving Audio Data Via A Coded Surface Retrieving Audio Data Via A Coded Surface  | Silverbrook, Kia   |
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| 11228478 Not Issued 30 11228480 Not Issued 30 11228480 Not Issued 30 11228481 Not Issued 30 11228482 Not Issued 30 11228482 Not Issued 30 11228483 Not Issued 30 11228483 Not Issued 30 11228485 Not Issued 30 11228486 Not Issued 30 11228486 Not Issued 30 11228486 Not Issued 30 11228488 Not Issued 30 11228489 Not Issued 30 11228489 Not Issued 30 11228489 Not Issued 30 11228490 Not Issued 30 11228490 Not Issued 30 11228491 Not Issued 30 11228497 Not Issued 30 11228498 Not Issued 30 11228509 Not Issued 30 11228509 Not Issued 30 11228500 Not Issued 30 11228509 Not Issued 30 | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005   | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device ILink Object To Sticker Printing A Trading Card Using A Mobile Device Retrieving An Image Via A Coded Surface Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Printing A Subscription Using A Mobile Device Printing A Security Identification Using A Mobile Device Printing A Security Identification Using A Mobile Device Sticker Including A First And Second Region Retrieving Contact Details Via A Coded Surface Retrieving Audio Data Via A Coded Surface Print Card With Linked Object Printing A Timetable Using A Mobile Device Printing A Receipt Using A Mobile Device Printing A Receipt Using A Mobile Device Printing A Position Using A Mobile Device Printing A Position Using A Mobile Device Retrieving A Document Via A Coded Surface Retrieving A Document Via A Coded Surface Type-Specific Sticker Printing A Business Card Using A Mobile Device Printing A Business Card Using A Mobile Device Printing A Gambling Ticket Using A Mobile Device Printing A Gambling Ticket Using A Mobile Device Printing A Mobile Device With Persistence Unik Object To Position On Surface Printing A Hobile Device With Persistence Unik Object To Sticker And Location On Surface Retrieving A Program Via A Coded Surface Retrieving A Frogram Via A Coded Surface   | Silverbrook, Kia   |
| 11228478 Not Issued 35 11228479 Not Issued 30 11228480 Not Issued 30 11228481 Not Issued 30 11228482 Not Issued 30 11228482 Not Issued 30 11228483 Not Issued 30 11228483 Not Issued 30 11228484 Not Issued 30 11228486 Not Issued 30 11228488 Not Issued 30 11228488 Not Issued 30 11228489 Not Issued 30 11228497 Not Issued 30 11228491 Not Issued 30 11228491 Not Issued 25 11228494 Not Issued 30 11228497 Not Issued 30 11228496 Not Issued 30 11228497 Not Issued 30 11228497 Not Issued 30 11228497 Not Issued 30 11228498 Not Issued 30 11228499 Not Issued 30 11228509 Not Issued 30 11228500 Not Issued 30  | 09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005<br>09/19/2005 | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device Retrieving A Ringtone Via A Coded Surface Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device Printing Video Information Using A Mobile Device Printing A Subscription Using A Mobile Device Link Object To Sticker Printing A Trading Card Using A Mobile Device Retrieving An Image Via A Coded Surface Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Printing Educational Material Using A Mobile Device Sticker Including A First And Second Region Retrieving Contact Details Via A Coded Surface Retrieving Audio Data Via A Coded Surface Retrieving A Receipt Using A Mobile Device Printing A Bill Using A Mobile Device Printing A Position Using A Mobile Device Printing A Position Using A Mobile Device Printing A Document Via A Coded Surface Retrieving A Document Via A Coded Surface Type-Specific Sticker  Printing A Gambling Ticket Using A Mobile Device Printing A Gambling Ticket Using A Mobile Device Printing A Gambling Ticket Using A Mobile Device Print On A Mobile Device With Persistence Link Object To Position On Surface Printing A Program Via A Coded Surface Link Object To Fosition On Surface Printing A Program Via A Coded Surface Link Object To Form Field On Surface Printing A A Advertisement Using A Mobile Device Printing A A Program Via A Coded Surface Link Object To Form Field On Surface Printing A A Advertisement Using A Mobile Device  | Silverbrook, Kia |

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|---------------------------------------|----------|------------|--|-----------------|---|--------------------------------------|
| Application# Pate<br>11246678 Not Iss |          |            |  | nina Drinthaga  | In An Operable Condition  | Inventor Name<br>Silverbrook, Kia    |
| 11246679 Not Iss                      |          | 10/11/2005 | Method Of Unblock                            | king Nozzles I  | n A Printhead   | Silverbrook, Kia                     |
| 11246680 Not Iss                      |          | 10/11/2005 | Method Of Removir                            | ing Flooded In  | k From A Printhead  | Silverbrook, Kia                     |
| 11246681 Not Iss<br>11246682 Not Iss  |          |            | Method Of Sealing                            |                 | Nozzle Plate For An Inkjet Printhead  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246683 Not Iss                      | sued 20  |            |  |                 | zzle Chambers Having Filter Structures  | Silverbrook, Kia                     |
| 11246684 Not Iss                      | sued 30  | 10/11/2005 | Method Of Fabricat                           | ting Suspende   | ed Beam In A Mems Process   | Silverbrook, Kia                     |
| 11246685 Not iss<br>11246686 Not iss  |          |            | Printhead With Ink I<br>Printhead With Mult  |                 | mber Via Adjacent Chamber   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246687 Not Iss                      |          |            | Low Loss Electrode                           |                 |   | Silverbrook, Kia                     |
| 11246688 Not Iss                      | sued 25  | 10/11/2005 | Method Of Maintain                           | ning Printhead  | In An Operable Condition With Pad Cleaning Action   | Silverbrook, Kia                     |
| 11246689 Not Iss<br>11246690 Not Iss  |          |            | Printhead Maintena<br>Inkjet Printhead Wit   |                 | laving Cylindrical Engagement Pad   | Silverbrook, Kia                     |
| 11246691 Not Iss                      |          |            | High Density Therm                           |                 |   | Silverbrook, Kia                     |
| 11246692 Not Iss                      | sued 25  | 10/11/2005 | Printhead Maintena                           | ance Station C  | Configured For Air Blast Cleaning Of Printhead  | Silverbrook, Kia                     |
| 11246693 Not Iss<br>11246694 Not Iss  |          |            | Method Of Maintain<br>Capper For A Printh    |                 | ad Using Air Blast Cleaning   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246695 Not Iss                      | sued 30  |            |  |                 | y Configured For Air Blast Cleaning   | Silverbrook, Kia                     |
| 11246696 Not Iss                      |          | 10/11/2005 | Method Of Maintain                           | ning A Printhe  | ad Using Maintenance Station Configured For Air Blast Cleaning  | Silverbrook, Kia                     |
| 11246697 Not Iss<br>11246698 Not Iss  |          |            | Printhead With Rec<br>Inkjet Printhead Wit   |                 | At Ink Chamber Inlet  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246699 Not Iss                      |          |            | Inkjet Printhead Wit                         |                 |   | Silverbrook, Kia                     |
| 11246700 Not Iss                      | sued 25  | 10/11/2005 | Inkjet Printhead Wit                         | ith Bubble Tra  | p   | Silverbrook, Kia                     |
| 11246701 Not Iss<br>11246702 Not Iss  |          |            | Inkjet Printhead With Printhead With Elon    |                 |   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246702 Not Iss                      |          |            |  |                 | ambers And Multiple Nozzles For Each Drive Circuit  | Silverbrook, Kia                     |
| 11246704 Not Iss                      | sued 25  | 10/11/2005 | Printhead Assembly                           | ly Comprising   | Wicking Element   | Silverbrook, Kia                     |
| 11246705 Not Iss<br>11246706 Not Iss  |          |            |  |                 | Printhead Using Film Transfer ad Using Film Transport Of Ink  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246707 Not Iss                      |          | 10/11/2005 | Printhead Maintena                           | ance Assembl    | y With Film Transport Of Ink  | Silverbrook, Kia                     |
| 11246708 Not Iss                      | sued 30  | 10/11/2005 | Method Of Removir                            | ing Particulate | s From A Printhead Using Film Transfer  | Silverbrook, Kia                     |
| 11246709 Not Iss<br>11246710 Not Iss  |          |            |  |                 | ulti Colour Inkjet Printhead<br>Mth Pad Cleaning Action   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246710 Not iss                      |          |            | Reduced Stiction P                           |                 |   | Silverbrook, Kia                     |
| 11246712 Not Iss                      | sued 30  |            | Printhead With Side                          |                 |   | Silverbrook, Kia                     |
| 11246713 Not Iss<br>11246714 Not Iss  |          |            |  |                 | laving Sloped Engagement Pad<br>ad Using Contact Angle Hysteresis   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11246715 Not Iss                      |          |            | Method Of Wicking                            |                 |   | Silverbrook, Kia                     |
| 11246716 Not Iss                      |          |            | Printhead Assembly                           |                 |   | Silverbrook, Kia                     |
| 11246717 Not Iss<br>11246718 Not Iss  |          |            | Printhead With Inlet<br>Inkjet Printhead Wit |                 |   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11248421 Not Iss                      | sued 20  | 10/13/2005 | One-Time Use, Digi                           | ital Camera E   | xchange System  | Silverbrook, Kia                     |
| 11248422 Not Iss                      |          |            |  |                 | ngate Ink Delivery Member   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11248423 Not Iss<br>11248426 Not Iss  |          |            | Method For Process                           |                 | g A Capping Arrangement   | Silverbrook, Kia                     |
| 11248427 7077                         | 7507 150 | 10/13/2005 | Micro-Electromecha                           | anical Liquid E | jection Device  | Silverbrook, Kia                     |
| 11248428 Not Iss                      |          |            |  |                 | Buckle-Resistant Actuator   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11248429 Not Iss<br>11248434 Not Iss  |          |            | Personal Digital Ass<br>Video Gamino Appa    |                 | onnected Player And Printer Modules   | Silverbrook, Kia                     |
| 11248832 Not Iss                      | sued 30  | 10/13/2005 | Inkjet Nozzle Arrang                         | gement With I   | nk Flow Control   | Silverbrook, Kia                     |
| 11250450 7066<br>11250451 Not Iss     |          |            |  |                 | e Thermal Expansion Inhibitional Equalization Characteristics   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11250457 Not Iss                      |          |            |  |                 | Incorporates A Movement Sensor  | Silverbrook, Kia                     |
| 11250465 Not Iss                      |          |            | Printer With Manual                          |                 |   | Silverbrook, Kia                     |
| 11255941 Not Iss<br>11255942 Not Iss  |          |            | Attribute Selection S                        |                 | orporating A Pagewidth Inkjet Printer   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11271917 Not Iss                      | sued 30  | 11/14/2005 | Printhead Assembly                           | ly With Mating  | Printhead Integrated Circuits   | Silverbrook, Kia                     |
| 11272417 Not Iss                      |          |            | Double-Action Micro                          |                 | nanical Device Ejection Device Having Symmetrically Actuated Ink Ejection Components                                    | Silverbrook, Kia<br>Silverbrook, Kia |
| 11272418 Not Iss<br>11272425 Not Iss  |          |            |  |                 | nnthead-Transfer Roller Arrangement   | Silverbrook, Kia                     |
| 11272426 Not Iss                      | sued 41  | 11/02/2005 | Wide Format Printe                           | er With A Plura | ality Of Printhead Integrated Circuits  | Silverbrook, Kia                     |
| 11273269 Not Iss<br>11273271 Not Iss  | sued 95  |            |  |                 | An Ink Storage And Distribution Assembly vices From A Composite Structure   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11281419 Not Iss                      |          |            |  |                 | nated Ink Distribution Assembly   | Silverbrook, Kia                     |
| 11281420 Not Iss                      | sued 95  | 11/18/2005 | Micro-Electromecha                           | anical Liquid E | jection Device With Motion Amplification  | Silverbrook, Kia                     |
| 11281421 Not Iss<br>11281422 Not Iss  |          |            |  |                 | h Opposed Sets Of Serially Arranged Printhead Modules  d High-Speed Printing  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11281444 Not Iss                      | sued 30  | 11/18/2005 | Printhead Assembly                           | ly With A Mou   | nting Channel Having A Silicon Core   | Silverbrook, Kia                     |
| 11281445 Not Iss                      | sued 30  | 11/18/2005 | Method Of Printing                           | With A Perso    | nal Computer And Connected Printer  | Silverbrook, Kia<br>Silverbrook, Kia |
| 11281446 Not Iss<br>11281447 7068     |          |            |  |                 | lectromechanical Device With A Thermal Actuator it Having An Array Of Inkjet Nozzles                                    | Silverbrook, Kia                     |
| 11281457 Not Iss                      | sued 94  | 11/18/2005 | Modular Printhead                            | Assembly Wit    | h Respective Flexible Printed Circuit Boards  | Silverbrook, Kia                     |
| 11281458 Not Iss                      |          |            | Method Of Adhesive                           |                 | Stack Of Sheets ng Information Based On Viewer Position   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11281671 Not Iss<br>11281673 Not Iss  |          |            |  |                 | A Pagewidth Inkjet Printhead  | Silverbrook, Kia                     |
| 11281679 Not Iss                      | sued 41  | 11/18/2005 | Page Stacking And                            | Binding Appa    | aratus  | Silverbrook, Kia                     |
| 11282768 Not Iss<br>11282769 Not Iss  | sued 25  |            |  |                 | onents Supported On A Common Casing utive Printhead Modules   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11282777 Not Iss                      | sued 41  | 11/21/2005 | Modular Inkjet Print                         | thead Incorpo   | rating A Casing With A Series Of Printhead Modules  | Silverbrook, Kia                     |
| 11282778 Not Iss                      | sued 93  |            |  |                 | prates A Printhead Module Retention Channel   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11282869 Not Iss<br>11286334 Not Iss  |          |            |  |                 | Print Media And An Internal Feed Mechanism g Freehand Graphics With User-Selected Properties                            | Silverbrook, Kia                     |
| 11293792 Not Iss                      | sued 30  | 12/05/2005 | Printhead Cartridge                          | e Having Cons   | stant Negative Pressure Head Ink Supply   | Silverbrook, Kia                     |
| 11293793 Not iss                      |          |            | Ink Reservoir With                           |                 | ving Power Regulation   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11293794 Not Iss<br>11293795 Not Iss  |          |            |  |                 | ansport Arrangement   | Silverbrook, Kia                     |
| 11293796 Not Iss                      | sued 30  | 12/05/2005 | Printer Controller Fo                        | or Modulating   | Printhead Peak Power Requirement Using Out-Of-Phase Firing  | Silverbrook, Kia                     |
| 11293797 Not Iss<br>11293798 Not Iss  |          |            |  |                 | p Printhead Peak Power Requirement Using Redundant Nozzles p Printhead Peak Power Requirement Using Out-Of-Phase Firing | Silverbrook, Kia<br>Silverbrook, Kia |
| 11293799 Not Iss                      | sued 30  | 12/05/2005 | Printer Controller Fo                        | or Modulating   | Printhead Peak Power Requirement Using Redundant Nozzles  | Silverbrook, Kia                     |
| 11293800 Not Iss                      | sued 30  | 12/05/2005 | Printhead Maintena                           | ance Station I  | laving Maintenance Belt   | Silverbrook, Kia                     |
| 11293801 Not Iss<br>11293802 Not Iss  |          |            |  |                 | laving Maintenance Belt With Belt-Cleaning Station  y Having Maintenance Belt   | Silverbrook, Kia<br>Silverbrook, Kia |
|                                       |          | 12/05/2005 | Printer Having Self-                         | -Reference M    | ounted Printhead  | Silverbrook, Kia                     |
| 11293803 Not Iss<br>11293804 Not Iss  |          |            |  | rinthead Asse   |   | Silverbrook, Kia                     |

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|--|--|--|---|--|
| Application# Patent#<br>11293805 Not Issued  |  |  |   | Inventor Name<br>Silverbrook, Kia  |
| 11293806 Not Issued  |  |  | Inkjet Printer With Printhead Cartridge And Ink Cartridge Printhead Assembly With Ink Inlet Valve   | Silverbrook, Kia   |
| 11293807 Not Issued  |  |  | Ink Reservoir With Constant Hydrostatic Pressure Outlet   | Silverbrook, Kia   |
| 11293808 Not Issued  |  |  | Method Of Maintaining A Printhead Using A Maintenance Belt  | Silverbrook, Kia   |
| 11293809 Not Issued  |  |  |   | Silverbrook, Kia   |
| 11293810 Not Issued  |  |  | Printer With Ink Cartridge For Engaging Printhead Cartridge And Printer Body  | Silverbrook, Kia   |
| 11293811 Not Issued  |  |  | Ink Cartridge With Sealed Air Inlet   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11293812 Not Issued<br>11293813 Not Issued   |  |  | Printhead Cartridge With Bracing For Reducing Structural Deflection Inkjet Printer With Printhead Cartridge Levered Into Operative Position   | Silverbrook, Kia   |
| 11293814 Not Issued  |  |  | Inkjet Printer With Disengageable Maintenance Station Drive Coupling  | Silverbrook, Kia   |
| 11293815 Not Issued  |  |  | Printer Having Coded Capping Mechanism  | Silverbrook, Kia   |
| 11293816 Not Issued  | 25   | 12/05/2005   | Method Of Picking Media In Printer  | Silverbrook, Kia   |
| 11293817 Not Issued  |  |  | Printer Having Disengageably Gear Driven Media Pick-Up Roller   | Silverbrook, Kia   |
| 11293818 Not Issued  |  |  | Printer Having Compact Media Pick-Up Device   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11293819 Not Issued<br>11293820 Not Issued   |  |  | Method Of Assembling Printhead Capping Mechanism Inkjet Printer With Printhead Cartridge And Cradle That Interengage Via An Overcentre Mechanism  | Silverbrook, Kia   |
| 11293821 Not Issued  |  |  | Inkjet Printhead Assembly With Resilient Ink Connectors   | Silverbrook, Kia   |
| 11293822 Not Issued  |  |  | Ink Cartridge With Self Sealing Outlet Valve  | Silverbrook, Kia   |
| 11293823 Not Issued  |  |  | Method Of Assembling Printer Media Transport Arrangement  | Silverbrook, Kia   |
| 11293824 Not Issued  |  |  | Easy Assembly Pagewidth Printhead Capping Arrangement   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11293825 Not Issued  |  | 12/05/2005   | Method Of Modulating Printhead Peak Power Requirement Using Out-Of-Phase Firing Printing System Having Power Regulating Printhead Cartridge Interface   | Silverbrook, Kia   |
| 11293826 Not Issued<br>11293827 Not Issued   |  | 12/05/2005   | Printing System Having Power Regulating Printhead Cartridge Interface  Printing System Having Power Storage Printhead Cartridge Interface   | Silverbrook, Kia   |
| 11293828 Not Issued  |  |  | Inkjet Printer Having Gripless Drive Roller   | Silverbrook, Kia   |
| 11293829 Not Issued  | 30   | 12/05/2005   | Printhead Cartridge Interface Having Power Storage  | Silverbrook, Kia   |
| 11293830 Not Issued  | 30   | 12/05/2005   | Cradle For Printhead Cartridge Having Power Storage Interface   | Silverbrook, Kia   |
| 11293831 Not Issued  | 30   | 12/05/2005   | Method Of Assembling Pagewidth Printhead Capping Arrangement  | Silverbrook, Kia   |
| 11293832 Not Issued  |  |  | Method Of Modulating Printhead Peak Power Requirement Using Redundant Nozzles   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11293833 Not Issued  |  |  | Method Of Locating Printhead On Printer Printing Cartridge Having Commonly Mounted Printhead And Capper   | Silverbrook, Kia   |
| 11293834 Not Issued<br>11293835 Not Issued   | 30   |  | Ink Priming Arrangement For Inkjet Printhead  | Silverbrook, Kia   |
| 11293836 Not Issued  |  | 12/05/2005   | Method Of Priming Inkjet Printhead  | Silverbrook, Kia   |
| 11293837 Not Issued  | 30   | 12/05/2005   | Constant Negative Pressure Head Ink Supply Arrangement For Inkjet Printhead   | Silverbrook, Kia   |
| 11293838 Not Issued  | 30   |  | Dot-At-A-Time Redundancy For Modulating Printhead Peak Power Requirement  | Silverbrook, Kia   |
| 11293839 Not Issued  |  | 12/05/2005   | Cradle For Printhead Cartridge Having Power Regulation Interface Printing Cartridge Having Self-Referencing Printhead   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11293840 Not Issued<br>11293841 Not Issued   |  | 12/05/2005   | Inkjet Printhead Having Optimal Number Of Printhead Modules And Nozzle Rows For Out-Of-Phase Printing   | Silverbrook, Kia   |
| 11293841 Not Issued  |  | 12/05/2005   | Ink Reservoir With Pressure Regulating Valve  | Silverbrook, Kia   |
| 11298474 Not Issued  |  | 12/12/2005   | Recording And Communication Of Handwritten Information  | Silverbrook, Kia   |
| 11298530 Not Issued  | 30   | 12/12/2005   | Printhead Integrated Circuit With Planar Actuators  | Silverbrook, Kia   |
| 11298631 7077508   |  |  | Micro-Electromechanical Liquid Ejection Device With A Thermal Actuator That Undergoes Rectilinear Motion  | Silverbrook, Kia   |
| 11298632 Not Issued  |  | 12/12/2005   | Method And System For Capturing A Note-Taking Session   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11298633 Not Issued<br>11298634 Not Issued   |  | 12/12/2005   | Print Media And Ink Supply Cartridge With Built-In Sheet Transport Mechanism  Method Of Printing Page Data With A Pagewidth Inkjet Printhead  | Silverbrook, Kia   |
| 11298635 Not Issued  |  | 12/12/2005   | Fluid Ejection Device Having An Elongate Micro-Electromechanical Actuator   | Silverbrook, Kia   |
| 11298636 Not Issued  |  | 12/12/2005   | Pagewidth Inkjet Printhead Assembly With Data And Power Supply Mounted On Ink Distribution Assembly   | Silverbrook, Kia   |
| 11298773 Not Issued  |  | 12/12/2005   | Inkjet Printhead With Low Volume Ink Displacement   | Silverbrook, Kia   |
| 11298774 Not Issued  | 30   |  | Method For Providing Low Volume Drop Displacement In An Inkjet Printhead  | Silverbrook, Kia   |
| 11305008 Not Issued  |  |  | Mst Device For Attachment To An Adhesive Surface  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11305152 Not Issued  |  |  | Method Of Sealing A Face Of A Mst Device Method Of Aligning Fluidic Mst Devices To A Support Member   | Silverbrook, Kia   |
| 11305158 Not Issued<br>11305273 Not Issued   | 20   | 12/19/2005   | Method Of Attaching Fluidic Mst Devices To A Support Member   | Silverbrook, Kia   |
| 11305274 Not Issued  |  |  | Inkjet Printhead Production Method  | Silverbrook, Kia   |
| 11305275 Not Issued  |  |  | Laminated Film For Mounting A Mst Device To A Support Member  | Silverbrook, Kia   |
| 11315356 Not Issued  |  | 12/23/2005   | Print Engine For Double-Sided Printing  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11315357 Not Issued  | 71   | 12/23/2005   | Pagewidth Inkjet Printhead Assembly With Longitudinally Extending Sets Of Nozzles   | Silverbrook, Kia   |
| 11327491 Not Issued<br>11329039 Not Issued   |  |  | Printer For Actuated Printing Of Visible And Invisible Data Electronic Book With A Built-In Card Scanner  | Silverbrook, Kia   |
| 11329040 Not Issued  |  |  | Foldable Electronic Book  | Silverbrook, Kia   |
| 11329041 Not Issued  | 20   | 01/11/2006   | Processor Circuitry For A Pagewidth Printhead   | Silverbrook, Kia   |
| 11329042 Not Issued  | 20   | 01/11/2008   | Pagewidth Printing Mechanism Incorporating A Capping Mechanism  | Silverbrook, Kia   |
| 11329043 Not Issued  | 41   | 01/11/2006   | Ink Chamber Having A Baffle Unit  | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329088 Not Issued  |  | 01/11/2006   | Liquid-Ejection Integrated Circuit Device That Incorporates A Nozzle Guard With Containment Structures Digital Camera Having Parallel Processing Controller   | Silverbrook, Kia   |
| 11329140 Not Issued<br>11329141 Not Issued   |  |  | Printer Having Adjustable Media Support   | Silverbrook, Kia   |
| 11329143 Not Issued  | 41   | 01/11/2008   | Printer Formed From Integrated Circuit Printhead  | Silverbrook, Kia   |
| 11329154 Not Issued  | 30   | 01/11/2006   | Inkjet Printhead Having Low Pressure Ink Ejection Zone  | Silverbrook, Kia   |
| 11329155 Not Issued  | 30   |  | Liquid Ejection Device With A Commonly Composed Actuator And Liquid Ejector   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329156 Not Issued  |  |  | Capping Mechanism Driven By Paper Transport   | Silverbrook, Kia   |
| 11329157 Not Issued<br>11329162 Not Issued   |  |  | Inkjet Printhead Having Reverse Ink Flow Prevention  Effects Module For A Camera And Printer Assembly   | Silverbrook, Kia   |
|  |  | 01/11/2006   | Inkjet Printer Having Thermally Stable Modular Printhead  | Silverbrook, Kia   |
| 11329163\Not Issued:   |  | 04/44/0000   | Wide-Format Print Engine With A Pagewidth Ink Reservoir Assembly  | Silverbrook, Kia   |
| 11329163 Not Issued<br>11329167 Not Issued   | 41   | 01/11/2006   |   | Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued   | 41<br>30   | 01/11/2006   | Method Of Enabling Telephone Control Via Printed Control Interface  |  |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued  | 41<br>30<br>30   | 01/11/2006   | Printer With Digital Photograph Storage And Display   | Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued   | 41<br>30<br>30<br>41   | 01/11/2006<br>01/11/2006<br>01/11/2006   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism   |  |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329284 Not Issued  | 41<br>30<br>30<br>41<br>30   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles   | Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329284 Not Issued<br>11330054 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2008<br>01/12/2006<br>01/12/2006   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329284 Not Issued<br>11330056 Not Issued<br>11330057 Not Issued  | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20   | 01/11/2008<br>01/11/2008<br>01/11/2006<br>01/11/2006<br>01/12/2008<br>01/12/2008<br>01/12/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329284 Not Issued<br>11330054 Not Issued<br>11330056 Not Issued<br>11330057 Not Issued<br>11330058 Not Issued  | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printher Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules  | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329284 Not Issued<br>11330054 Not Issued<br>11330056 Not Issued<br>11330056 Not Issued<br>11330058 Not Issued<br>11330059 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printher Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329181 Not Issued<br>11329244 Not Issued<br>11330054 Not Issued<br>11330057 Not Issued<br>11330058 Not Issued<br>11330059 Not Issued<br>11330059 Not Issued<br>11330060 Not Issued  | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006<br>01/12/2006   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device   | Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia<br>Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329181 Not Issued<br>1132924 Not Issued<br>11330054 Not Issued<br>11330056 Not Issued<br>11330059 Not Issued<br>11330059 Not Issued<br>11330059 Not Issued<br>11330080 Not Issued<br>11330081 Not Issued  | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20   | 01/11/2006<br>01/11/2006<br>01/11/2006<br>01/11/2006<br>01/12/2006<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead  | Silverbrook, Kia   |
| 11329167 Not Issued<br>11329187 Not Issued<br>11329188 Not Issued<br>11329191 Not Issued<br>11329244 Not Issued<br>11330056 Not Issued<br>11330057 Not Issued<br>11330058 Not Issued<br>11330059 Not Issued<br>11330050 Not Issued<br>11330060 Not Issued  | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20   | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device   | Silverbrook, Kia   |
| 11329167 Not Issued 11329187 Not Issued 11329188 Not Issued 11329181 Not Issued 1132924 Not Issued 1132924 Not Issued 11330054 Not Issued 11330056 Not Issued 11330058 Not Issued 11330058 Not Issued 11330059 Not Issued 11330060 Not Issued 11330061 Not Issued 11330061 Not Issued 1133109 Not Issued 11338773 Not Issued 11338779 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>71   | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/13/2008<br>01/13/2008<br>01/13/2008<br>01/13/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuity For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement   | Silverbrook, Kia   |
| 11329167 Not Issued 11329187 Not Issued 11329188 Not Issued 11329181 Not Issued 11329284 Not Issued 11330056 Not Issued 11330056 Not Issued 11330058 Not Issued 11330058 Not Issued 11330059 Not Issued 11330050 Not Issued 11330051 Not Issued 1133073 Not Issued 11336773 Not Issued 11338773 Not Issued 11338796 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>71<br>30<br>25   | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/23/2008   | Printer With Digital Photograph Storage And Display Inkiet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkiet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkiet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printhead Nosembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuity For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms  | Silverbrook, Kia  |
| 11329167 Not Issued 11329187 Not Issued 11329188 Not Issued 11329188 Not Issued 1132924 Not Issued 1132924 Not Issued 11330054 Not Issued 11330057 Not Issued 11330057 Not Issued 11330058 Not Issued 11330059 Not Issued 11330060 Not Issued 11330081 Not Issued 11330781 Not Issued 113373 Not Issued 11336796 Not Issued 11336796 Not Issued 11339493 Not Issued 113394974 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>2  | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/23/2008                             | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms  | Silverbrook, Kia  |
| 11329167 Not Issued 11329187 Not Issued 11329188 Not Issued 11329181 Not Issued 11329181 Not Issued 1132924 Not Issued 11330054 Not Issued 11330056 Not Issued 11330058 Not Issued 11330059 Not Issued 11330059 Not Issued 11330061 Not Issued 11330061 Not Issued 11330678 Not Issued 11336786 Not Issued 11336796 Not Issued 11336796 Not Issued 11334974 Not Issued 11349074 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>71<br>30<br>20<br>21<br>20<br>20<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21<br>21 | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/23/2008<br>01/23/2008<br>01/23/2008                             | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms Ink Nozzle Method And System For User Registration Using Coded Marks   | Silverbrook, Kia  |
| 11329187 Not Issued 11329187 Not Issued 11329188 Not Issued 11329188 Not Issued 11329284 Not Issued 11330056 Not Issued 11330056 Not Issued 11330058 Not Issued 11330058 Not Issued 11330059 Not Issued 11330059 Not Issued 11330059 Not Issued 11330051 Not Issued 1133073 Not Issued 11336773 Not Issued 11338796 Not Issued 11338796 Not Issued 11339493 Not Issued 11349143 Not Issued 11349143 Not Issued   | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>71<br>30<br>25<br>41<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                               | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/28/2008<br>02/08/2008<br>02/08/2008   | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms Ink Nozzle Method And System For User Registration Using Coded Marks Ink Reservoir   | Silverbrook, Kia  |
| 11329187 Not Issued 11329187 Not Issued 11329188 Not Issued 11329188 Not Issued 11329181 Not Issued 1132924 Not Issued 11330054 Not Issued 11330056 Not Issued 11330058 Not Issued 11330058 Not Issued 11330059 Not Issued 11330069 Not Issued 11330061 Not Issued 11330061 Not Issued 11336773 Not Issued 11338773 Not Issued 11338796 Not Issued 11349074 Not Issued 11349143 Not Issued 11349143 Not Issued 11349159 Not Issued 11357296 Not Issued 11357296 Not Issued | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>20<br>20<br>20<br>20<br>20<br>21<br>30<br>25<br>41<br>20<br>25<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30<br>30                   | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/28/2008<br>02/08/2008<br>02/08/2008<br>02/21/2008                             | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stebly Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures In A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms Ink Nozzle Method And System For User Registration Using Coded Marks Ink Reservoir Printhead Assembly Suitable For Redirecting Ejected Ink Droplets Method Of Redirecting Ejected Ink Droplets | Silverbrook, Kia |
| 11329167 Not Issued 11329187 Not Issued 11329188 Not Issued 11329181 Not Issued 11329191 Not Issued 1132924 Not Issued 11330054 Not Issued 11330056 Not Issued 11330058 Not Issued 11330058 Not Issued 11330058 Not Issued 11330050 Not Issued 11330051 Not Issued 1133073 Not Issued 1133973 Not Issued 11338796 Not Issued 11338796 Not Issued 11338796 Not Issued 11338913 Not Issued 11349143 Not Issued 11349519 Not Issued 11349519 Not Issued                       | 41<br>30<br>30<br>41<br>30<br>25<br>90<br>20<br>25<br>93<br>30<br>20<br>20<br>20<br>20<br>21<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20                                     | 01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/11/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/12/2008<br>01/23/2008<br>01/28/2008<br>02/08/2008<br>02/08/2008<br>02/21/2008<br>02/21/2008 | Printer With Digital Photograph Storage And Display Inkjet Printhead Assembly With A Thermal Expansion Equalization Mechanism Inkjet Printhead Having Rectilinear Actuated Ink Ejection Nozzles Inkjet Printer Having Stably Mounted Printhead Printhead Assembly With Composite Support Beam For A Pagewidth Printhead Printer Having Micro Electro-Mechanical Nozzle Actuators Modular Print Head With Adjustable Modules Alignment Mechanism For Printhead Modules Incorporating Elongate Printhead Integrated Circuits Protection Of Nozzle Structures in A Liquid-Ejection Integrated Circuit Device Central Processor Integrated Circuitry For A Print Controller Of A Pagewidth Printhead Method Of Network Publishing Casing For An Ink Cartridge Nozzle Arrangement Fluid Ejection Device With Inner And Outer Arms Ink Nozzle Method And System For User Registration Using Coded Marks Ink Reservoir Printhead Assembly Suitable For Redirecting Ejected Ink Droplets  | Silverbrook, Kia   |

| Application# Patent#   Status                     | Date Filed  | Title   | Inventor Name                        |
|---|-------------|---|--------------------------------------|
| 11378342 Not Issued 30                            |             |   | Silverbrook, Kia                     |
| 11442103 Not Issued 20                            | 05/30/2006  | Print Roll Assembly   | Silverbrook, Kia                     |
| 11442111 Not Issued 19<br>11442114 Not Issued 19  |             |   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             | Printer With A Driven Print Media Carriage  | Silverbrook, Kia                     |
| 11442126 Not Issued 20                            | 05/30/2006  | Method Of Fabricating Printhead Ic To Have Displaceable Inkjets   | Silverbrook, Kia                     |
|   |             | Ink Jet Printer Nozzle Assembly With Micro-Electromechanical Paddles  | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             |   | Silverbrook, Kia                     |
|   |             | Nozzle For Ejecting Ink   | Silverbrook, Kia                     |
| 11442176 Not Issued 20                            | 05/30/2006  | Micro-Electromechanical Valve Having Transformable Valve Actuator   | Silverbrook, Kia                     |
|   |             | Pressure Sensor With Conductive Laminate Membrane   | Silverbrook, Kia<br>Silverbrook, Kia |
| 11442178 Not Issued 20<br>11442179 Not Issued 20  |             |   | Silverbrook, Kia                     |
|   |             | Micro-Electromechanical Actuator  | Silverbrook, Kia                     |
|   |             | Motorial Levigent Mary 1  | Silverbrook, Kia                     |
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|   |             |   | Silverbrook, Kia                     |
| 11442191 Not Issued 20                            |             | Inkjet Printhead Having Paddled Inkjet Nozzles  | Silverbrook, Kia                     |
|   |             | Notationally Cythinicate Course   | Silverbrook, Kia<br>Silverbrook, Kia |
|   |             |   | Silverbrook, Kia                     |
|   |             |   | Silverbrook, Kia                     |
|   | 05/30/2006  | Method Of Collecting A Copyright Fee For A Document Requested Via An Interactive Surface  | Silverbrook, Kia                     |
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| 11450431 Not Issued 19                            | 06/12/2008  | Method Of Fabricating Printheads Having Multiple Nozzle Assemblies  | Silverbrook, Kia                     |
| 11450440 Not Issued 20                            |             | Wednest Time Control of the Control | Silverbrook, Kia                     |
| 11450448 Not Issued 20<br>11450449 Not Issued 20  |             |   | Silverbrook, Kia                     |
| 11450584 Not Issued 20                            | 06/12/2006  | Injet Printhead With Grouped Nozzles And A Nozzle Guard   | Silverbrook, Kia                     |
| 11450586 Not Issued 20                            | 06/12/2006  | Thermoelastic Inkjet Actuator With A Heat Conductive Layer  | Silverbrook, Kia<br>Silverbrook, Kia |
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| 29260589 Not Issued 20<br>60642095 Not Issued 159 |             | Wall Mounting Printer Inkjet Printhead Production Method  | Silverbrook, Kia                     |
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| 09575116 6980318 150                              | 05/23/2000  | Method And System For Delivery Of A Greeting Card   | Lapstun, Paul                        |
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| 09575124 6830196 150<br>09575129 Not Issued 71    | 05/23/2000  | Computer System Interface Surface With Reference Points   | Lapstun, Paul                        |
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|  |  | Method And System For Printing A Photograph Portable Interactive Printer   | Lapstun, Paul<br>Lapstun, Paul  |
|  |  | Method And System For Delivery Of A Brochure   | Lapstun, Paul   |
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|  |  | Interactive Paper Publisher  | Lapstun, Paul<br>Lapstun, Paul  |
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|  |  | Network Publishing Authorization Protocol  | Lapstun, Paul   |
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|  |  | Computer System Control Via Interface Surface  | Lapstun, Paul   |
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|  |  | Data Package Template With Data Embedding Printing With A Multi-Segment Printhead  | Lapstun, Paul   |
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| 09608022 Not Issued 89<br>09608178 6973450 150<br>09608970 6831682 150<br>09608970 Not Issued 83<br>09609039 6678499 150<br>09609132 6766942 150<br>09609139 6824044 150<br>09609139 682582 150<br>09609232 7007851 150<br>09609233 Not Issued 161<br>09609353 Not Issued 71<br>09609553 Not Issued 71<br>09609556 6978019 150<br>09610095 6922779 150<br>09659836 6807315 150<br>09659837 6771811 150<br>09663579 6879420 150   | 66/30/2000   09/11/2000   09/11/2000   09/11/2000   09/15/2000  | Method And System For Searching Information  Digital Camera With Interactive Printer  Method And System For Copyright Fee Management  Method And System For Examinations  Method And System For Collaborative Document Markup  Method And System For Obtaining A Video-Related Document  Method And System For Seeking Bids  Interactive Printer Persistent Storage Provider  Method And System For Searching Classified Advertising  Method And System For User Registration  Method And System For User Registration  Method And System For User Registration  Method And System For User Registration On Terminal  Method And System For Sensing Device Registration  Method And Apparatus For Producing Print From A Bayer Image  Method And Apparatus For Sharpening An Image  Method And Apparatus For Sharpening An Image  Method And Apparatus For Usenter Calading A Bayer Image  Business Card As Electronic Mail Token  | Lapstun, Paul   |
| 09608022   Not Issued   89<br>09608178   6973450   150<br>09608920   6831682   150<br>09608920   Not Issued   83<br>09609039   6678499   150<br>09609132   6766942   150<br>09609139   6824044   150<br>09609139   6824044   150<br>09609232   7007851   150<br>09609232   7007851   150<br>09609233   Not Issued   71<br>09609333   Not Issued   71<br>09609535   Not Issued   71<br>09609596   6978019   150<br>09610095   6922779   150<br>09659820   6804030   150<br>09659836   6807315   150<br>09659837   6771811   150<br>09663579   6679420   150<br>09663579   6679420   150<br>09663599   6993845   150   | 66/30/2000     06/30/200     06/30/200     06/30/200     06/30/200     06/30/20 | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seaking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And System For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token  | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 6831682 150 09608970 Not Issued 83 0960939 6678499 150 09609132 6766942 150 09609139 6624044 150 09609139 6822041 150 09609232 7007851 150 09609232 7007851 150 09609233 Not Issued 181 09609330 Not Issued 71 09609596 6978019 150 0961095 992279 150 09659836 807315 150 09659836 807315 150 09659837 8771811 150 09663599 6963845 150 09663599 6963845 150   | 66/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>06/30/2000<br>09/11/2000<br>09/11/2000<br>09/15/2000<br>09/15/2000   | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Object Selection  | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 6831682 150 09608970 Not Issued 83 0960939 6678499 150 09609132 6766942 150 09609132 6766942 150 09609139 6824044 150 09609323 7007851 150 09609232 7007851 150 09609333 Not Issued 161 09609333 Not Issued 71 09609556 Not Issued 71 09609556 8978019 150 09610095 6922779 150 09659820 6804030 150 09659820 6807315 150 09659836 6807315 150 09659837 6679420 150 09663579 6679420 150 09663599 6963845 150 09663701 6958859 150  | 66/30/2000   | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Oblatining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For User Registration On Terminal Method And System For Sharpening An Image Method And Apparatus For User Registration On Terminal Method And System For Object Selection Method And System For Index On Token Method And System For Instruction Of A Computer  | Lapstun, Paul   |
| 09608022   Not Issued   89<br>09608178   6973450   150<br>09608970   6831682   150<br>09608970   Not Issued   83<br>09609039   6678499   150<br>09609132   6766942   150<br>09609139   6824044   150<br>09609232   7007851   150<br>09609232   7007851   150<br>09609233   Not Issued   71<br>09609333   Not Issued   71<br>09609535   Not Issued   71<br>09609596   6978019   150<br>09610095   6922779   150<br>09659836   6807315   150<br>09659837   677420   150<br>09663579   6679420   150<br>09663599   6963845   150<br>09663590   69963845   150<br>09663640   6720985   150<br>09663701   6995859   150<br>09663701   6995859   150<br>096630701   6995859   150  | 66/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     06/30/2000     09/11/2000     09/11/2000     09/15/2000   | Method And System For Searching Information  Digital Camera With Interactive Printer  Method And System For Copyright Fee Management  Method And System For Examinations  Method And System For Collaborative Document Markup  Method And System For Obtaining A Video-Related Document  Method And System For Seeking Bids  Interactive Printer Persistent Storage Provider  Method And System For Searching Classified Advertising  Method And System For User Registration  Method And System For User Registration  Method And System For User Registration On Terminal  Method And System For User Registration On Terminal  Method And System For Sensing Device Registration  Method And Apparatus For Sensing Device Registration  Method And Apparatus For Producing Print From A Bayer Image  Method And Apparatus For Sharpening An Image  Method And Apparatus For Up-Interpolating A Bayer Image  Method And Apparatus For Up-Interpolating A Bayer Image  Business Card As Electronic Mail Authorization Token  Method And System For Object Selection  Method And System For Instruction Of A Computer  Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs   | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609139   6624044   150   09609139   6824044   150   09609323   7007851   150   09609232   7007851   150   09609233   Not Issued   71   09609596   6978019   150   096109596   6978019   150   096109596   6978019   150   09659836   6807315   150   09659837   6771811   150   09663579   6679420   150   09663540   6720985   150   09663640   6720985   150   09663701   6995859   150   09693078   6647369   150   09693078   6647369   150   09693078   6647369   150   09693078   6647369   150   09693083   6859225   150   09693083   6859225   150  | 66/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   09/11/2000   09/11/2000   09/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000   00/15/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And And System For Sensing Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating An Image Method And Apparatus For Up-Interpolating An Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs   | Lapstun, Paul   |
| 09608022   Not Issued   89<br>09608178   6973450   150<br>09608970   6831682   150<br>09608970   Not Issued   83<br>09609039   6678499   150<br>09609132   6766942   150<br>09609132   6766942   150<br>09609139   6824044   150<br>09609232   7007851   150<br>09609232   7007851   150<br>09609233   Not Issued   71<br>09609533   Not Issued   71<br>09609535   Not Issued   71<br>09609556   6978019   150<br>09610095   6922779   150<br>09659820   6804030   150<br>09659836   6807315   150<br>09659837   6771811   150<br>09663579   6679420   150<br>09663599   6963845   150<br>09663701   6995859   150<br>09663701   6995859   150<br>09693078   6647369   150<br>09693078   6647369   150<br>09693078   6647369   150<br>09693078   6859225   150<br>09693134   6859225   150<br>09693134   6859225   150   | 66/30/2000   | Method And System For Searching Information  Digital Camera With Interactive Printer  Method And System For Copyright Fee Management  Method And System For Examinations  Method And System For Collaborative Document Markup  Method And System For Obtaining A Video-Related Document  Method And System For Seeking Bids  Interactive Printer Persistent Storage Provider  Method And System For Searching Classified Advertising  Method And System For User Registration  Method And System For User Registration  Method And System For User Registration On Terminal  Method And System For User Registration On Terminal  Method And System For Sensing Device Registration  Method And Apparatus For Sensing Device Registration  Method And Apparatus For Producing Print From A Bayer Image  Method And Apparatus For Sharpening An Image  Method And Apparatus For Up-Interpolating A Bayer Image  Method And Apparatus For Up-Interpolating A Bayer Image  Business Card As Electronic Mail Authorization Token  Method And System For Object Selection  Method And System For Instruction Of A Computer  Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs   | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609139   6624044   150   09609139   68224044   150   09609323   7007851   150   09609233   Not Issued   71   09609233   Not Issued   71   09609596   6978019   150   096109596   6978019   150   09659836   6807315   150   09659837   6771811   150   09663579   6679420   150   09663640   6720985   150   09663701   6995859   150   09683701   6995859   150   09693078   6647369   150   09693078   6647369   150   09693078   6647369   150   09693078   6647369   150   09693078   6647369   150   09693083   6859225   150   | 66/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 06/30/2000 09/11/2000 09/11/2000 09/15/2000 09/15/2000 09/15/2000 09/15/2000 09/15/2000 09/15/2000 10/20/2000 10/20/2000 10/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Coliaborative Document Markup Method And System For Coliaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apyaretus For Sensing Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Token Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copyring Of Documents  | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609970   Not Issued   83   09609970   Not Issued   83   096099132   6766942   150   09609132   6766942   150   09609139   6824044   150   09609139   6824054   150   09609232   7007851   150   09609233   Not Issued   71   09609533   Not Issued   71   09609536   6978019   150   09610959   6978019   150   09659837   6879420   150   0966359   696315   150   09663640   6720985   150   09663640   6720985   150   09693078   6847369   150   09693078   6847369   150   09693078   6847369   150   09693083   6859225   150   09693136   6924835   150   09693146   6924835   150   09693166   68744888   150  | 66/30/2000     69/11/2000     69/11/2000     69/15/2000     69/1 | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For User Registration On Terminal Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For Fault Tolerant Data Storage On Photographs Method And System For For Fault Tolerant Data Storage On Photographs Method And System For For For Sensor Method And System For The Copying Of Documents Printed Card Based User Interface System  | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609132   6766942   150   09609139   6824044   150   09609139   6824044   150   09609232   7007851   150   09609232   7007851   150   09609233   Not Issued   71   09609533   Not Issued   71   09609553   Not Issued   71   09609596   6978019   150   0961095   6978019   150   09659837   67771811   150   09659837   67771811   150   09663579   6679420   150   09663579   6679420   150   09663593   6678095   150   09663701   6995859   150   09663701   6995859   150   09693083   6859225   150   09693134   6924835   150   096931216   8474888   150   096932216   8474888   150   09693226   6943830   150   09693226   6943850   150   09693226   6943850   150   | 66/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/20/2000   00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seaking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Searching Print From A Bayer Image Method And Apparatus For Sensing Device Registration Method And Apparatus For User Interpolating A Bayer Image Method And Apparatus For User Interpolating A Bayer Image Method And Apparatus For Sensing Interpolating A Bayer Image Method And System For Object Selection Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning  | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 Results 83 09609970 Not Issued 83 09609970 Not Issued 83 09609932 6678499 150 09609132 6766942 150 09609139 6824044 150 09609139 682822 150 09609232 7007851 150 09609232 7007851 150 09609233 Not Issued 181 09609303 Not Issued 71 09609596 8978019 150 09609596 8978019 150 09659836 8807315 150 09659836 8807315 150 09659837 877817811 150 09663579 6679420 150 09663599 6963845 150 09663701 6995889 150 09683078 6477369 150 09693083 6889225 150 096931219 Not Issued 93 09693219 Not Issued 93 09693226 6943831 150 09693226 6943831 150 09693226 6943830 150 09693226 6943830 150 09693226 6943830 150 09693226 6943830 150 09693226 6843581 150 09693226 6843581 150 09693226 6843830 150 09693279 Not Issued 93  | 66/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   10/20/2000   | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Oblatining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For User Rejection Method And Apparatus For User Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Interface System   | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609970   Not Issued   83   09609932   6768949   150   09609132   6766842   150   09609132   6766842   150   09609134   6965882   150   09609232   7007851   150   09609232   7007851   150   09609333   Not Issued   71   09609533   Not Issued   71   09609536   6978019   150   09610095   6922779   150   09659837   6878019   150   09659820   6804030   150   09659837   6771811   150   09663579   6679420   150   09663640   672085   150   09663701   6995859   150   09663701   6995859   150   09693078   6647369   150   09693078   6647369   150   09693134   6924835   150   09693134   6924835   150   0969326   6474888   150   09693276   6673830   150   09693276   6673830   150   09693276   6647389   150   09693276   6647389   150   09693276   6647389   150   09693276   6647389   150   09693276   6647389   150   09693276   6647389   150   09693377   Not Issued   93   09693280   6813558   150   09693371   Not Issued   93  | 66/30/2000     09/11/2000     09/11/2000     09/15/2000     10/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And System For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For User Registration Method And System For Classification State Image Business Card As Electronic Mail Authorization Token Method And System For Device Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration   | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609132   6766942   150   09609139   6824044   150   09609323   Not Issued   161   09609330   Not Issued   71   09609233   Not Issued   71   09609596   6978019   150   096109596   6978019   150   096109596   6978019   150   09659837   6771811   150   09659837   6771811   150   09663593   6679420   150   0966359   6963845   150   0966359   6963845   150   09663701   699589   150   09663701   699589   150   09693083   6859225   150   09693083   6859225   150   09693194   6924835   150   09693219   Not Issued   93   09693226   6474888   150   09693226   6943830   150   09693317   Not Issued   93   09693226   6943830   150   09693317   Not Issued   71   096933317   Not Issued   71   096933317   Not Issued   71   096933317   Not Issued   71   096933317   Not Issued   71   096933318   6927870   150   09693341   6827870   150   09693341   6827870   150   09693341   6827870   150   09693341   6827870   150   09693341   6827870   150  | 66/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   06/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   09/15/2000   00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seaking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Searching Device Registration Method And Apparatus For Searching Print From A Bayer Image Method And Apparatus For Sharpening An Image Method And Apparatus For Up-Interpolating A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Object Selection Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs   | Lapstun, Paul   |
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| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609139   6824044   150   09609149   6965882   150   09609232   7007851   150   09609333   Not Issued   71   09609333   Not Issued   71   09609596   6978019   150   09609596   6978019   150   09659620   6804030   150   09659830   6807315   150   09659830   6807315   150   09659830   6807315   150   09659830   693845   150   09663579   6679420   150   09663599   693845   150   09663640   6720985   150   09663640   6720985   150   0969308   6859225   150   09693134   6924835   150   09693134   6924835   150   09693179   Not Issued   93   09693219   Not Issued   93   09693226   6943830   150   09693279   Not Issued   93   09693280   6813558   150   09693317   Not Issued   71   096933318   6627879   150   09693317   Not Issued   71   09693338   6454482   150   09693473   Not Issued   161   09693471   6496654   150   09693473   6724374   150  | 66/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And Apparatus For Sensing Device Registration Method And System For Instruction Of Nen Method And Apparatus For Sensing Device Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And Apparatus For Fault Tolerant Data Storage On Photographs Sensing Device With Interchangeable Nibs Universal Pen Method And System For Gode Electronic Ink Surface Printer With Code Sensor Method And  | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 6831682 150 09608970 Not Issued 83 09609039 6678499 150 09609132 6766942 150 09609139 6824044 150 09609139 6824044 150 09609139 6824044 150 09609232 7007851 150 09609232 7007851 150 09609233 Not Issued 181 09609303 Not Issued 71 09609553 Not Issued 71 09609556 6978019 150 0961095 6978019 150 09659836 6807315 150 09659837 6771811 150 09659837 6771811 150 0966359 6963938 150 09663701 699589 150 09663701 699589 150 0969308 687909 150 0969308 687909 150 0969308 687909 150 09693184 6924835 150 0969319 Not Issued 93 09693216 6474888 150 09693216 6474888 150 09693218 Not Issued 71 09693311 6927870 150 09693311 6927870 150 09693311 692789 150 09693311 692789 150 09693311 Not Issued 150 09693415 Not Issued 150 09693415 Not Issued 150 09693415 Not Issued 150 09693471 6496654 150 09693515 6965454 150 09693515 Not Issued 161  | 66/30/2000     09/11/2000     09/11/2000     09/15/2000     09/20/2000     00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Sharpening An Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Object Selection Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Universal Pen With Code Sensor Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And System For Advertising Method And Apparatus For Fault Tolerant Data Storage On Photographs Sensing Device With Interchangeable Nibs Universal Pen Method And System For Topolication System With Image Quality Restoration Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor Method And System For Device Control Method And System For Device Control   | Lapstun, Paul   |
| 09608022   Not Issued   89   09608178   6973450   150   09608970   6831682   150   09608970   Not Issued   83   09609039   6678499   150   09609132   6766942   150   09609139   6624044   150   09609139   6628822   150   09609139   7007851   150   09609232   7007851   150   09609233   Not Issued   71   09609530   Not Issued   71   09609596   6978019   150   096109596   6978019   150   096109596   6978019   150   09659836   6807315   150   09659836   6807315   150   09659837   6771811   150   09663593   6679420   150   09663593   6679420   150   09663593   6679420   150   09663593   6679420   150   09663593   6679420   150   09663593   6679420   150   09663593   6807315   150   09663593   6807315   150   09693083   6859225   150   09693194   6924835   150   09693195   647488   150   09693196   647488   150   09693219   Not Issued   93   09693226   6943830   150   09693317   Not Issued   93   09693318   692780   150   09693319   6982780   150   09693319   09693319   150   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693319   09693310   09693319   09693319   09693310   0969 | 66/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Examinations Method And System For Otalibrative Document Markup Method And System For Otalibrative Document Markup Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Tokan Business Card As Electronic Mail Tokan Business Card As Electronic Mail Authorization Tokan Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor Method And System For Fault Tolerant Data Storage On Photographs Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor Method And System For Fault Tolerant Data Storage On Photographs Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor                          | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 Not Issued 83 09609970 Not Issued 83 09609932 678499 150 09609132 6766942 150 09609132 6766942 150 09609139 6824044 150 09609322 7007851 150 09609232 7007851 150 09609333 Not Issued 71 09609333 Not Issued 71 09609553 Not Issued 71 09609560 6978019 150 0961956 6978019 150 09619579 150 09659836 807315 150 09659836 807315 150 09659836 807315 150 09659836 150 09683579 6679420 150 09683579 6679420 150 09683599 6963845 150 09683701 6995859 150 09683701 6995859 150 09683701 6995859 150 09693134 6924835 150 09693134 6924835 150 09693139 Not Issued 93 0969326 6943830 150 0969317 Not Issued 93 09693276 81558 150 0969317 Not Issued 93 09693280 6813558 150 09693317 Not Issued 71 09693317 Not Issued 71 09693317 Not Issued 181 09693415 Not Issued 181 09693415 Not Issued 181 09693415 Not Issued 181 09693473 6724374 150 09693593 Not Issued 171 09693593 Not Issued 161 09693593 Not Issued 171 09693593 Not Issued 161 0969359704 6808330 150  | 66/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   00/20/2000   | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration On Terminal Method And System For User Registration On Terminal Method And System For Sensing Device Registration Method And System For Sensing Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Sharpening An Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Token Business Card As Electronic Mail Authorization Token Method And System For Deplet Selection Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For The Copying Of Documents Printed Card Based User Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Foule Planning Interface Surface Printer Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And System For Advertising Method And System For Providing Insurance Services Universal Pen With Code Sensor Method And Syste | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 Not Issued 83 09609039 6678499 150 09609132 6766942 150 09609132 6766942 150 09609139 6824044 150 09609139 6824044 150 09609139 6824044 150 09609232 7007851 150 09609232 7007851 150 09609233 Not Issued 181 09609303 Not Issued 71 09609556 6978019 150 09610095 69220779 150 09659836 8073015 150 09659837 6771811 150 09659837 6771811 150 0966359 6998345 150 09683701 699589 150 09683701 699589 150 09683701 699589 150 09683701 699589 150 09693083 6859225 150 0969314 6924835 150 09693219 Not Issued 93 09693226 6474888 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693471 6496654 150 09693341 6927881 50 09693351 6943830 150 09693351 Not Issued 71 09693351 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693776 6808330 150  | 66/30/2000     09/11/2000     09/11/2000     09/15/2000     09/15/2000     09/20/2000     00/20/2000  | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Coplaborative Document Markup Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Obtaining A Video-Related Document Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For Listing Classified Advertising Method And System For Listing Classified Advertising Method And System For User Registration On Terminal Method And System For Searching Classified Advertising Method And System For Searching Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Authorization Token Method And System For Object Selection Method And System For Object Selection Method And System For For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For Route Planning Interface Surface Printer  Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And System For For Fault Tolerant Data Storage On Photographs Sensing Device With Interchangeable Nibs Universal Pen Method And System For Providing Insurance Services Universal Pen With Sampler Method And System For For Fault Tolerant Data Storage On Photographs Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor Method And System For Map And Globe Navigation  | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 Not Issued 83 09609970 Not Issued 83 09609039 6678499 150 09609132 6766942 150 09609139 6624044 150 09609139 6824044 150 09609139 7007851 150 09609232 7007851 150 09609233 Not Issued 71 09609303 Not Issued 71 09609596 6978019 150 0961095 9922779 150 0965986 6978019 150 0965986 6807315 150 0965987 6771811 150 09663579 6679420 150 09663579 6679420 150 09663579 6963845 150 09683701 6995889 150 09683701 6995889 150 09693083 6859225 150 09693194 6924835 150 09693194 Not Issued 93 09693219 Not Issued 93 09693216 647488 150 09693219 Not Issued 93 09693216 694881 150 09693311 Not Issued 93 09693216 694881 150 09693311 Not Issued 71 09693311 Not Issued 71 09693311 Not Issued 150 09693311 Not Issued 150 09693311 Not Issued 151 09693311 Not Issued 151 09693311 Not Issued 151 09693311 Not Issued 161 09693473 Not Issued 161 09693471 Not Issued 161 09693471 Not Issued 161 09693471 Not Issued 161 09693470 Not Issued 161 09693704 6808330 150 09693705 6847883 150 09693705 6847883 150   | 66/30/2000   09/11/2000   09/11/2000   09/15/2000   09/15/2000   09/15/2000   00/20/2000   | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Copyright Fee Management Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Obtaining A Video-Related Document Method And System For Seeking Bids Interactive Printer Persistent Storage Provider Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For User Registration Method And System For User Registration On Terminal Method And System For Searching Classified Advertising Method And Apparatus For Searching Classified Advertising Method And Apparatus For Searching Classified Advertising Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Sharpening An Image Method And Apparatus For Sharpening An Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Authorization Token Method And System For Object Selection Method And System For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For Interface System Method And System For Route Planning Interface Surface Printer Digital Photographic Duplication System With Interchangeable Nibs Universal Pen Method And System For Providing Insurance Services Universal Pen With Code Sensor Method And System For Providing Insurance Services Universal Pen With Sampler Method And System For Providing Insurance Services Universal Pen With Sampler Method And System For Providing Insurance Serv | Lapstun, Paul   |
| 09608022 Not Issued 89 09608178 6973450 150 09608970 Not Issued 83 09609039 6678499 150 09609132 6766942 150 09609132 6766942 150 09609139 6824044 150 09609139 6824044 150 09609139 6824044 150 09609232 7007851 150 09609232 7007851 150 09609233 Not Issued 181 09609303 Not Issued 71 09609556 6978019 150 09610095 69220779 150 09659836 8073015 150 09659837 6771811 150 09659837 6771811 150 0966359 6998345 150 09683701 699589 150 09683701 699589 150 09683701 699589 150 09683701 699589 150 09693083 6859225 150 0969314 6924835 150 09693219 Not Issued 93 09693226 6474888 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693341 6924835 150 09693471 6496654 150 09693341 6927881 50 09693351 6943830 150 09693351 Not Issued 71 09693351 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693515 6965454 150 09693776 6808330 150  | 66/30/2000     69/11/2000     69/11/2000     70/20/2000                         | Method And System For Searching Information Digital Camera With Interactive Printer Method And System For Copyright Fee Management Method And System For Coplaborative Document Markup Method And System For Collaborative Document Markup Method And System For Collaborative Document Markup Method And System For Obtaining A Video-Related Document Method And System For Obtaining A Video-Related Document Method And System For Searching Classified Advertising Method And System For Searching Classified Advertising Method And System For Listing Classified Advertising Method And System For Listing Classified Advertising Method And System For User Registration On Terminal Method And System For Searching Classified Advertising Method And System For Searching Device Registration Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Producing Print From A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Method And Apparatus For Up-Interpolating A Bayer Image Business Card As Electronic Mail Authorization Token Method And System For Object Selection Method And System For Object Selection Method And System For For Instruction Of A Computer Reader To Decode Sound And Play Sound Encoded In Infra-Red Ink On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And Apparatus For Fault Tolerant Data Storage On Photographs Method And System For Route Planning Interface Surface Printer  Digital Photographic Duplication System With Image Quality Restoration Sensing Device With Interchangeable Nibs Universal Pen Method And System For For Fault Tolerant Data Storage On Photographs Sensing Device With Interchangeable Nibs Universal Pen Method And System For Providing Insurance Services Universal Pen With Sampler Method And System For For Fault Tolerant Data Storage On Photographs Sensing Device For Coded Electronic Ink Surface Printer With Code Sensor Method And System For Map And Globe Navigation  | Lapstun, Paul   |

| Application# Detect# Status Data File                                    | I Title   | Inventor Name                  |
|--|---|--------------------------------|
| Application# Patent# Status Date File<br>09721892 6741871 150 11/25/2000 | Mobile Phone With Interactive Printer   | Lapstun, Paul                  |
| 09721893 6792165 150 11/25/2000  | Sensing Device  | Lapstun, Paul                  |
|  | Method And System For Capturing A Note-Taking Session System And Method For Controlling A Telephone Via A Computer System And Printed Control Interface             | Lapstun, Paul<br>Lapstun, Paul |
| 09721896 Not Issued 71 11/25/2000  | Method And System For Online Purchasing   | Lapstun, Paul                  |
|  | Audio Player With Code Sensor Orientation Sensing Device  | Lapstun, Paul<br>Lapstun, Paul |
| 09722141 Not Issued 71 11/25/2000  | Video Player With Code Sensor   | Lapstun, Paul                  |
|  | Automatic Consumables Ordering  | Lapstun, Paul<br>Lapstun, Paul |
|  | Viewer With Code Sensor And Printer Printer With Vacation Mode  | Lapston, Paul                  |
| 09722171 6927871 150 11/25/2000  | Apparatus For Interaction With A Network Computer System  | Lapstun, Paul                  |
|  | Code Sensor Attachment For Pen Method And System For Online Payments  | Lapstun, Paul<br>Lapstun, Paul |
| 09722175 6788293 150 11/25/2000  | Method Of Using A Viewer With Code Sensor   | Lapstun, Paul                  |
|  | Interface Surface Printer Using Invisible Ink  Cyclic Position Codes  | Lapstun, Paul<br>Lapstun, Paul |
| 10173739 6747760 150 06/19/2002  | Print Engine Controller For A Multi-Segment Printhead   | Lapstun, Paul                  |
|  | Drop Firing Control In Multicolor Ink Jet Printheads  | Lapstun, Paul<br>Lapstun, Paul |
|  | Validation Protocol And System Pagewidth Inkjet Printheads With Defect Tables   | Lapstun, Paul                  |
| 10270153 6834932 150 10/15/2002  | Nozzle Misalignment Compensation In A Drop On Demand Printhead  | Lapstun, Paul                  |
|  | Print Engine Mechanism Electronically Controllable Pen Device   | Lapstun, Paul<br>Lapstun, Paul |
| 10274817 7015901 150 10/21/2002  | Universal Pen With Code Sensor  | Lapstun, Paul                  |
|  | Method And System For Instruction Of A Computer Using Coded Marks Orientation Sensing Device For Use With Coded Marks   | Lapstun, Paul<br>Lapstun, Paul |
| 10291374 6847961 150 11/12/2002  | Method And System For Searching Information Using Sensor With Identifier  | Lapstun, Paul                  |
| 10291379 6644545 150 11/12/2002  | Business Card With Coded Marks As Electronic Mail Token   | Lapstun, Paul                  |
|  | Orientation Sensing Device With Memory Method And System For Delivery Of Mail Using Coded Marks   | Lapstun, Paul<br>Lapstun, Paul |
| 10291471 Not Issued 71 11/12/2002  | Method And System For Online Purchasing Using Coded Marks   | Lapstun, Paul                  |
|  | Programmable Camera System With Software Interpreter  Method And System For Online Payments Using Processing Sensor   | Lapstun, Paul<br>Lapstun, Paul |
| 10291487 7034953 150 11/12/2002  | Method And System For Instruction Of A Computer Using Processing Sensor   | Lapstun, Paul                  |
| 10291494 6766944 150 11/12/2002  | Computer System Interface Surface With Processing Sensor  Method And System For Online Payments Using Sensor With Identifier  | Lapstun, Paul<br>Lapstun, Paul |
|  | Method And System For Conferencing Using Processing Sensor  | Lapston, Paul                  |
| 10291511 6850931 150 11/12/2002  | Method And System For Searching Information Using Coded Marks   | Lapstun, Paul<br>Lapstun, Paul |
|  | Relay Device For Use With Processing Sensor  Method And System For Collaborative Document Markup Using Sensor With Identifier                                       | Lapstun, Paul                  |
| 10291517 6718061 150 11/12/2002  | Method And System For Note Taking Using A Form With Coded Marks   | Lapstun, Paul                  |
|  | Method And System For Online Purchasing Using Sensor With Identifier  Method And System For Instruction Of A Computer Using Sensor With Identifier                  | Lapstun, Paul<br>Lapstun, Paul |
|  | Method And System For User Registration Using Coded Marks   | Lapstun, Paul                  |
|  | Method And System For Telephone Control Using Processing Sensor   | Lapstun, Paul<br>Lapstun, Paul |
|  | Method And System For Online Payments Using Coded Marks  Method And System For Capturing A Note-Taking Session Using Processing Sensor                              | Lapstun, Paul                  |
| 10291525 Not Issued 41 11/12/2002  | Method And System For Telephone Control Using Coded Marks   | Lapstun, Paul                  |
|  | Method And System For Note Taking Using Sensor With Identifier Handwritten Text Capture Via Interface Surface And Processing Sensor                                 | Lapstun, Paul<br>Lapstun, Paul |
| 10291541 Not Issued 94 11/12/2002  | Computer System Control Via Interface Surface And Processing Sensor   | Lapstun, Paul                  |
|  | Method And System For Collaborative Document Markup Using Coded Marks  Computer System Control Via Interface Surface And Sensor With Identifier                     | Lapstun, Paul<br>Lapstun, Paul |
| 10291545 6914593 150 11/12/2002  | Computer System Control With User Data Via Interface Surface And Processing Sensor  | Lapstun, Paul                  |
|  | Computer System Control With User Data Via Interface And Sensor With Identifier  Handwritten Text Capture Via Interface Surface Having Coded Marks                  | Lapstun, Paul<br>Lapstun, Paul |
|  | Computer System Control With User Data Via Interface Surface With Coded Marks   | Lapstun, Paul                  |
| 10291553 Not Issued 71 11/12/2002  | Method And System For Capturing A Note-Taking Session Using Sensor With Identifier  | Lapstun, Paul<br>Lapstun, Paul |
|  | Relay Device For Use With Sensor With Identifier  Method And System For Conferencing Using Coded Marks  | Lapstun, Paul                  |
| 10291556 Not Issued 71 11/12/2002  | Method And System For User Registration Using Processing Sensor   | Lapstun, Paul                  |
| 10291557 6972864 150 11/12/2002<br>10291558 7009738 150 11/12/2002       | Method And System For Delivery Of Mail Using Sensor With Identifier  Method And System For Composition And Delivery Of Electronic Mail Using Sensor With Identifier | Lapstun, Paul<br>Lapstun, Paul |
| 10291559 Not Issued 61 11/12/2002  | Computer System Interface Surface With Reference Points And Sensor With Identifier  | Lapstun, Paul                  |
|  | Sensing Device With Identifier  Method And System For Delivery Of Mail Using Processing Sensor  | Lapstun, Paul<br>Lapstun, Paul |
| 10291576 Not Issued 41 11/12/2002  | Method And System For Delivery Of A Facsimile Using Sensor With Identifier  | Lapstun, Paul                  |
|  | Sensing Device With Processor  Hand-Drawing Capture Via Interface Surface And Sensor With Identifier  | Lapstun, Paul<br>Lapstun, Paul |
|  | Hand-Drawing Capture Via Interface Surface And Sensor With Identifier  Hand-Drawing Capture Via Interface Surface And Processing Sensor                             | Lapstun, Paul                  |
| 10291585 6865570 150 11/12/2002  | Method And System For Searching Information Using Processing Sensor   | Lapstun, Paul                  |
|  | Method And System For Telephone Control Using Sensor With Identifier  Method And System For Delivery Of A Facsimile Using Coded Marks                               | Lapstun, Paul<br>Lapstun, Paul |
| 10291589 6829387 150 11/12/2002  | Method And System For Note Taking Using Processing Sensor   | Lapstun, Paul                  |
|  | Method And System For Conferencing Using Sensor With Identifier  Business Card As Electronic Mail Token For Use With Processing Sensor                              | Lapstun, Paul<br>Lapstun, Paul |
| 10291661 6862105 150 11/12/2003  | Method And System For Composition And Delivery Of Electronic Mail Using Processing Sensor   | Lapstun, Paul                  |
| 10291664 6651879 150 11/12/2003  | Business Card As Electronic Mail Token For Use With Sensor Having An Identifier   | Lapstun, Paul<br>Lapstun, Paul |
| 10291714 Not Issued 90 11/12/2003  | Signature Capture Via Interface Surface And Sensor With Identifier Signature Capture Via Interface Surface With Coded Marks   | Lapstun, Paul                  |
| 10291715 Not Issued 41 11/12/2003  | Computer System Interface Surface With Reference Points And Processing Sensor   | Lapstun, Paul<br>Lapstun, Paul |
|  | Handwritten Text Capture Via Interface Surface And Sensor With Identifier  Computer System Control Via Interface Surface With Coded Marks                           | Lapstun, Paul                  |
| 10291718 Not Issued 90 11/12/2003  | Identity-Coded Surface With Coded Marks   | Lapstun, Paul                  |
|  | Computer System Interface Surface With Coded Marks Relay Device For Use With Coded Marks  | Lapstun, Paul<br>Lapstun, Paul |
| 10291818 6982807 150 11/12/2003  | Method And System For Delivery Of A Facsimile Using Processing Sensor   | Lapstun, Paul                  |
| 10291819 6825956 150 11/12/2003<br>10291820 7044363 150 11/12/2003       | Method And System For Composition And Delivery Of Electronic Mail With Coded Marks  Method And System For Collaborative Document Markup Using Processing Sensor     | Lapstun, Paul<br>Lapstun, Paul |
| 10291821 Not Issued 71 11/12/2003  | Method And System For User Registration Using Sensor With Identifier  | Lapstun, Paul                  |
|  | Method And System For Capturing A Note-Taking Session Using Coded Marks Sensing Device For Sensing Coded Marks  | Lapstun, Paul<br>Lapstun, Paul |
|  | Signature Capture Via Interface Surface Using Processing Sensor   | Lapstun, Paul                  |
|  | Method And System For Online Purchasing Using Processing Sensor   | Lapstun, Paul                  |

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|--|-------|-------------|--|--------------------------------|
| Application# Patent#<br>10291827 6947027   |       | Date Filed  | Title Hand-Drawing Capture Via Interface Surface Having Coded Marks  | Lapstun, Paul                  |
| 10292608 6766945                           |       |             | Computer System Interface Surface With Sensor Having Identifier  | Lapstun, Paul                  |
| 10296436 Not Issued                        | 71    |             | Method And Apparatus For Compensation For Time Varying Nozzle Misalignment In A Drop On Demand Printhead   | Lapstun, Paul                  |
| 10296522 Not Issued<br>10296535 7070098    |       |             | Print Engine/ Controller And Printhead Interface Chip Incorporating The Engine/Controller  Printed Page Tag Encoder  | Lapstun, Paul<br>Lapstun, Paul |
| 10302288 6850838                           |       |             | Method And Apparatus For Fault Tolerant Storage Of Photographs   | Lapstun, Paul                  |
| 10309066 Not Issued                        | 161   | 12/04/2002  | Universal Pen With Position Or Motion Sensing  | Lapstun, Paul                  |
| 10309068 6910014                           |       |             | System For Playing Pre-Recorded Audio Encoded In Infra-Red Ink On A Card   | Lapstun, Paul<br>Lapstun, Paul |
| 10309358 Not Issued<br>10322698 Not Issued |       |             | Rotationally Symmetric Tags Utilization Of Color Transformation Effects In Photographs   | Lapstun, Paul                  |
| 10409845 Not Issued                        |       | 04/09/2003  | Methods And Systems For Object Identification And Interaction  | Lapstun, Paul                  |
| 10409848 Not Issued                        |       |             | Methods And Systems For Object Identification And Interaction  | Lapstun, Paul                  |
| 10409864 Not Issued<br>10409876 Not Issued |       |             | Orientation-Indicating Cyclic Position Codes  Methods And Systems For Object Identification And Interaction  | Lapstun, Paul<br>Lapstun, Paul |
| 10410484 Not Issued                        |       |             | Symmetric Tags   | Lapstun, Paul                  |
| 10421824 6982799                           | 150   | 04/24/2003  | Creating Composite Page Images From Compressed Data  | Lapstun, Paul                  |
| 10473747 Not Issued<br>10492169 Not Issued |       |             | Cyclic Position Codes Digital Ink Database Searching Using Handwriting Feature Synthesis   | Lapstun, Paul<br>Lapstun, Paul |
| 10502575 Not Issued                        |       |             | Electronic Filing System Searchable By A Handwritten Search Query  | Lapstun, Paul                  |
| 10531733 Not Issued                        | 30    | 04/18/2005  | Method/System For Estimating The Orientation Of A Segment Of Digital Ink   | Lapstun, Paul                  |
| 10531734 Not Issued                        |       |             | Orientation-Indicating Cyclic Position Codes   | Lapstun, Paul<br>Lapstun, Paul |
| 10537159 Not Issued<br>10636188 6877834    |       |             | Rotationally Symmetric Tags Printer Ink Capping Mechanism  | Lapstun, Paul                  |
| 10636189 Not Issued                        |       |             | Method Of Printing Using Pc And Printer  | Lapstun, Paul                  |
| 10636190 7072076                           | 150   |             | Printing Method Using Pc Rendering   | Lapstun, Paul                  |
| 10636193 7064867<br>10636198 Not Issued    |       |             | Graphics Imaging Method Method For Bayer Mosaic Image Conversion   | Lapstun, Paul<br>Lapstun, Paul |
| 10636202 7057758                           |       |             | Color Printer Module Controller  | Lapstun, Paul                  |
| 10636207 6969139                           | 150   | 08/08/2003  | Drop Size Control For A Printer  | Lapstun, Paul                  |
| 10636211 Not Issued                        |       |             | Tracking Printing Ink Reservoir Volumes  Attached Of And Apparatus For Adjusting The Duration Of Printing Pulses   | Lapstun, Paul Lapstun, Paul    |
| 10636212 6851782<br>10636216 Not Issued    |       |             | Method Of And Apparatus For Adjusting The Duration Of Printing Pulses  Image Processor Having An Application Specific Integrated Circuit For Camera Module | Lapstun, Paul                  |
| 10636217 Not Issued                        | 30    | 08/08/2003  | Image Processor With Enhacement Unit For Camera Module   | Lapstun, Paul                  |
| 10636218 Not Issued                        |       |             | Method Of And Apparatus For Printing   | Lapstun, Paul<br>Lapstun, Paul |
| 10636219 Not Issued<br>10636220 Not Issued |       |             | Device That Reads Data Encoded As Dots Audio Playback Device That Reads Data Encoded As Dots Of Infra-Red Ink  | Lapstun, Paul                  |
| 10636221 Not Issued                        |       | 08/08/2003  | Data Storage On Photographs  | Lapstun, Paul                  |
| 10636222 Not Issued                        | 30    |             | Method And Apparatus For Fault Tolerant Program And Data Storage On Photographs  | Lapstun, Paul<br>Lapstun, Paul |
| 10636223 Not Issued<br>10636227 Not Issued |       |             | Digital Duplication Of Images Using Encoded Data  Drop Size Control  | Lapstun, Paul                  |
| 10636229 7070251                           |       |             | Method Of Adjusting The Duration Of Printing Pulses  | Lapstun, Paul                  |
| 10636230 Not Issued                        | 41    |             | Adjusting Printing Parameters In Response To Printhead Feedback  | Lapstun, Paul                  |
| 10636231 Not Issued                        |       |             | Dither Volume For Cell Location  Effects Module For Manipulation Of An Image   | Lapstun, Paul<br>Lapstun, Paul |
| 10636232 Not Issued<br>10636233 Not Issued |       |             | Pivotal Camera Module For Compact Printer System   | Lapstun, Paul                  |
| 10636234 Not Issued                        |       | 08/08/2003  | Camera Module With Flexible Circuit Board For Compact Printer System   | Lapstun, Paul                  |
| 10636247 Not Issued                        |       |             | Measuring The Volume Ink In Print Resersoir Of A Printer   | Lapstun, Paul<br>Lapstun, Paul |
| 10636248 7061643<br>10636252 7057759       |       | 08/08/2003  | Controller For A Printer Module  Memory Configuration In A Printer That Simultaneously Prints On Both Surfaces Of A Sheet Of Print Media                   | Lapstun, Paul                  |
| 10636261 7057760                           |       | 08/08/2003  | Printer Controller For A Colour Printer  | Lapstun, Paul                  |
| 10636262 7061650                           |       |             | Method And Apparatus For Bayer Mosaic Image Conversion   | Lapstun, Paul<br>Lapstun, Paul |
| 10636264 6912067<br>10636265 Not Issued    |       |             | Dither Volume With Multiple Thresholds For Each Cell Ink Temperature Control For Multiprinthead Printer  | Lapstun, Paul                  |
| 10636267 6843545                           |       |             | Determining The Volume Of Ink In A Printer Reservoir   | Lapstun, Paul                  |
| 10636268 Not Issued                        | 95    |             | Fluid Capping Mechanism  | Lapstun, Paul<br>Lapstun, Paul |
| 10636269 Not Issued<br>10636270 Not Issued |       |             | Method Of Processing A Stored Image  Effects Module For A Compact Printer System   | Lapston, Paul                  |
| 10636277 7077494                           |       |             | Printer Having A Fluid Capping Mechanism   | Lapstun, Paul                  |
| 10636279 7079286                           | 150   | 08/08/2003  | Method Of Graphics Imaging   | Lapstun, Paul                  |
| 10636282 7068394                           |       |             | Effects Processor For Compact Printer  Validating Untrusted Objects And Entities   | Lapstun, Paul<br>Lapstun, Paul |
| 10636283 Not Issued<br>10636287 7065247    |       |             | Apparatus For And Method Of Graphics Imaging   | Lapstun, Paul                  |
| 10636288 Not Issued                        | 20    | 08/08/2003  | Dither Volume With Three Thresholds For Each Cell Location   | Lapstun, Paul                  |
| 10642331 Not issued                        |       |             | Cascading Image Modification Using Multiple Digital Cameras Incorporating Image Processing   | Lapstun, Paul<br>Lapstun, Paul |
| 10659013 7027177<br>10659017 7061844       |       | 09/11/2003  | Digital Printing System Pagewidth Printhead Controller Circuit   | Lapstun, Paul                  |
| 10659018 7064873                           | 150   | 09/11/2003  | Integrated Circuit   | Lapstun, Paul                  |
| 10659019 Not Issued                        |       |             | High Data Rate Printer Architecture And Method Of Printing Using Same  | Lapstun, Paul<br>Lapstun, Paul |
| 10659026 Not Issued<br>10659027 Not Issued |       |             | Interactive Publication Printer And Binder  Combined Printer And Binder  | Lapstun, Paul                  |
| 10659028 Not Issued                        | 164   | 09/11/2003  | Integrated Circuit For Printer   | Lapstun, Paul                  |
| 10659029 6954276                           |       |             | Printer Controller Circuit   | Lapstun, Paul<br>Lapstun, Paul |
| 10664938 6817539<br>10664939 6857571       |       |             | Generating Landscape And Portrait Oriented Tags  Method For Surface Printing   | Lapstun, Paul                  |
| 10664941 7025279                           |       |             | Method For Senace Printing  Method For Generating Tags   | Lapstun, Paul                  |
| 10665069 6830198                           | 150   | 09/22/2003  | Generating Tags Using Tag Format Structure   | Lapstun, Paul                  |
| 10666124 Not Issued<br>10667342 Not Issued |       |             | System And Method For Forming A Multiply Manipulated Image Tag And Tag Format Structure  | Lapstun, Paul<br>Lapstun, Paul |
| 10687342 Not Issued                        |       | 10/14/2003  | Method/System For Estimating The Orientation Of A Segment Of Digital Ink   | Lapstun, Paul                  |
| 10683151 Not Issued                        | 71    | 10/14/2003  | Method Of Improving Recognition Accuracy In Form-Based Data Entry Systems  | Lapstun, Paul                  |
| 10685455 Not Issued<br>10685523 Not Issued | 195   |             | Method And System For Submitting Bids Using Coded Forms  Method And System For Banking Using Coded Forms   | Lapstun, Paul<br>Lapstun, Paul |
| 10685523 Not Issued                        |       | 10/16/2003  | Method And System For Banking Coded Self-Identifying Forms   | Lapstun, Paul                  |
| 10685584 Not Issued                        | 30    | 10/16/2003  | Method And System For Submitting Bids Using Coded Self-Identifying Forms   | Lapstun, Paul                  |
| 10713075 6980323                           | 150   | 11/17/2003  | Print Engine With Pipeline Decoding  | Lapstun, Paul<br>Lapstun, Paul |
| 10713077 Not Issued<br>10713080 6947173    |       |             | Print Engine/Controller Chip With Cpu Inkdrop Printer With Multi-Segment Printhead   | Lapstun, Paul                  |
| 10713081 Not Issued                        | 93    | 11/17/2003  | Printer With Synchronized Engine/Controllers   | Lapstun, Paul                  |
| 10713083 699279                            | 1 150 | 11/17/2003  | Print Engine/Controller With Half-Toner/Compositor   | Lapstun, Paul                  |
| 10713091 7038809<br>10729097 Not Issued    | 150   |             | Print Engine/Controller With Printhead Interface  Camera For Printing Manipulated Images On Media  | Lapstun, Paul<br>Lapstun, Paul |
| 10729097 Not Issued                        |       |             | Camera For Printing Manipulated Images On Media  | Lapstun, Paul                  |
| 10729099 Not Issued                        | 95    | 12/08/2003  | Camera For Printing On Media Provided On Print Roll  | Lapstun, Paul                  |
|  | 1130  | 112/08/2003 | Camera And Controlling Processing System   | Lapstun, Paul                  |
| 10729159 Not Issued<br>10743671 Not Issued |       |             | Interactive Paper Publisher  | Lapstun, Paul                  |

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| 1977/2006   Inches   10.   2077/2006   Inches   10.   2077/2006   Inches   10.   2077/2006   Inches   10.   2077/2006   Inches   20.    |                     |      |            |  | Inventor Name |
| 1977/1976   19   |                     | 30   | 02/17/2004 | Image Sensor With Digital Frame Store  |               |
| 1,777.05   101.05   20   107.700.   100   5   100      | 10778057 Not Issued | 30   | 02/17/2004 | Synchronization Protocol   |               |
| 1977/000   1911-100   20   2077/2004   1000   20   20   20   20   20   20  |                     |      |            |  |               |
| 1977/001   100     |                     |      |            |  |               |
| 1977/1976   National Discourage   Company      | 10778061 Not Issued | 30   | 02/17/2004 | Image Processor  |               |
| 1977/1976   1977/2004   1977   |                     |      |            |  |               |
| 1977/1976   Tribute   19.   2072/2005   Assembly Robert   1977/2005   Assembly Robert   1977/2   |                     |      |            |  |               |
| 1978/1971   Not 1 part 5   30 (1978/2004   Symmetric Trial 1   A Almond And System For Otices Selection   Legislan, Part 1   1978/1971   Legisland   | 10782894 Not Issued | 30   | 02/23/2004 | Robot  |               |
| 1999   Not travel   20, 000,00000   Private of the Nation And States For Cheek Selection   Legalin, Paul   1999   Not Tools Private   1999   Not Tools Pri   |                     |      |            |  |               |
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| 1895/07  Institute   25   00197001   1895/07    1895/   |                     |      |            |  |               |
| 1991 100   Not Issued   30   |                     |      |            |  |               |
| 1001507/1011   Lase Samer Libra Anousto-Disc Deflectors  |                     |      |            |  |               |
| Liegates   Paul   Liegates   Liegates   Liegates   Paul   Liegates   Liega   |                     |      |            |  |               |
| Lieston   Paul   Lies   |                     |      |            |  |               |
| 1,000,000   1,00   |                     |      |            |  | Lapstun, Paul |
| 1,001.001.001.001.001.001.001.001.001.00   |                     |      |            |  |               |
| 1891597   Theis Issued   70   04002006   Commenterion Facilitation   Leptus, Paul   Leptus, Pa   |                     |      |            |  |               |
| 1061 1976 Note Issued   70   4040272004   Opening Resignation   Majority   Majority   Opening Resignation      | 10815617 Not Issued | 20   | 04/02/2004 | Communication Facilitation   | Lapstun, Paul |
| Georgia College   Georgia Co   | 10815618 Not Issued | 30   | 04/02/2004 | Dynamic User Registration  |               |
|  |                     |      |            |  |               |
| 1681 5023 Not 1 Issaed   15   04/2020   Visited District Comprehensive India   Leptun, Paul      | 10815621 Not Issued | 30   | 04/02/2004 | Competition Entry  | Lapstun, Paul |
| Image: Committee   Control   Contr   |                     |      |            |  |               |
| 0.0015923 Not Issued   7.1   0.4022/2004   Nature Based Ditholeren Infrared myst Inks   Leptun, Paul   0.0015927 Not Issued   7.1   0.4022/2004   Multi-Angel Later Scenmer   Leptun, Paul   Leptun, Paul   0.0015927 Not Issued   7.1   0.4022/2004   Multi-Angel Later Scenmer   Leptun, Paul     |                     |      |            |  |               |
| 0.0915627 Not 1 Seared   7.0015627 Not 1 Sea   | 10815625 Not Issued | 71   | 04/02/2004 | Water-Based Dithiolene Infrared Inkjet Inks  | Lapstun, Paul |
| 1,0015529 Not Issued   20. 040022004   Ambred Of Merimizing Absorption Of Visible Light In Ink. Compositions Comprising Infrared Metal-Dithiclene Dyes   Lapstun, Paul   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004   Ambred Of Code Ball Reader   1,0015512 Not Issued   23. 040022004      |                     |      |            |  |               |
| 1,000,155,00   |                     |      | 04/02/2004 | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared Metal-Dithiolene Dyes   |               |
| 1,00315033   Not I saused   50   0.4002/2004   Product Better Data   1,0031503   Not I saused   50   0.4002/2004   Product Better Data   1,0031503   Not I saused   50   0.4002/2004   Product Better Data   1,0031503   Not I saused   50   0.4002/2004   Product Better Data   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Product Better State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused   50   0.4002/2004   Validating Competition Entry Virginia   Product State   1,0031503   Not I saused      | 10815629 Not Issued | 20   | 04/02/2004 | Handheld Coded Data Reader   |               |
| 1,000   1,00   |                     |      |            |  |               |
| 10915934 Not 1 saved 3   |                     |      |            |  |               |
| 10915535 Not Issued 20   | 10815633 Not Issued | 41   | 04/02/2004 | Shopping Receptacle With In-Built User Interface   |               |
| Lipstum, Paul  |                     |      |            |  |               |
|  |                     |      |            |  |               |
| 19915563 Not Issued 1  | 10815637 Not Issued | 25   | 04/02/2004 | Anonymous Communication  |               |
| 198546 Not Issued   10   9402/2004   Limited Return Messaging   Lapstun, Paul   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Lapstun, Paul   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Coupon Redemption   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Redemption   Lapstun, Paul   198158 Al Not Issued   11   9402/2004   Redemption   Redemption   Redemption   Lapstun, Paul   198158 Al Not Issued   10   9402/2004   Redemption      |                     |      | 04/02/2004 | Competition Entry With Limited Return Messaging  |               |
| 1091564  Not Issued   100   0402/2004   Automatic Packaging System   Lapstun, Paul   1091564  Not Issued   100   0402/2004   Electronic Token Rademption   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Token Rademption   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Token Rademption   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Not Issued   100   4002/2004   Robotic Assembly   Lapstun, Paul   1091564  Robotic Assembly      |                     |      |            |  | Lapstun, Paul |
| 16915443-Not Issued 30   | 10815641 Not Issued | 100  | 04/02/2004 | Automatic Packaging System   |               |
| 1985444 Not Issued 100   |                     |      |            |  |               |
| 10815845  Not Issued   14   04/02/2004   Robotic Assembly   Lepstun, Paul   10815847  Not Issued   14   04/02/2004   Obtaining Product Item Assistance   Lepstun, Paul   10815848  Not Issued   17   04/02/2004   Obtaining Product Item Assistance   Lepstun, Paul   10815848  Not Issued   17   04/02/2004   Scanning Davice For Coded Date   Lepstun, Paul   1081542  Not Issued   16   04/02/2004   Scanning Davice For Coded Date   Lepstun, Paul   1081542  Not Issued   16   04/02/2004   Scanning Davice For Coded Date   Lepstun, Paul   1081542  Not Issued   16   04/02/2004   Interactive Printer For Printing A Coded Interface   Lepstun, Paul   10853132  Not Issued   16   04/02/2004   Interactive Printer For Printing A Coded Interface   Lepstun, Paul   10853334  Not Issued   16   05/02/2004   Image Processing Method For Clated Interactive Printer For Printing A Coded Interface   Lepstun, Paul   10853376   8689861   15   05/02/2004   Image Processing Method For Clated Surface   Lepstun, Paul   10853776   05/02/2004   Image Processing Method For Clated Surface   Lepstun, Paul   10853776   16   05/02/2004   Image Processing Method For Clated Surface   Lepstun, Paul   10884891 Not Issued   15   05/02/2004   Image Processing Method For Clated Surface   Lepstun, Paul   10884891 Not Issued   15   05/02/2004   Image Processing Method For Interfacin With Coded Surface   Lepstun, Paul   10884891 Not Issued   15   07/06/2004   Dithering Unit For Multi-Segment Printerface   Lepstun, Paul   10884891 Not Issued   16   07/06/2004   Dithering Unit For Multi-Segment Printerface   Lepstun, Paul   10884893 Not Issued   16   07/06/2004   Interactive Printer   Lepstun, Paul   10884891 Not Issued   16   07/06/2004   Interactive Printer   Lepstun, Paul   10884891 Not Issued   16   07/06/2004   Interactive Printer   Lepstun, Paul   10884891 Not Issued   16   07/06/2004   Interactive Printer   Lepstun, Paul   1088493 Not Issued   16   07/06/2004   Interactive Printer   Lepstun, Paul   10883331   Lepstun, Paul   10893331   Lepstun, Paul   10893331    |                     |      |            |  | Lapstun, Paul |
| 19815947 Not Issued   41   0-4072/2004   Obtaining Product Item Assistance   Lepstun, Paul   19815948 Not Issued   71   0-4072/2004   Scanning Device For Coded Date   Lepstun, Paul   19815948 Not Issued   71   0-4072/2004   Scanning Device For Coded Date   Lepstun, Paul   19813124 Not Issued   100   0-4726/2004   Michael Of Printing A Copy of 14 Document From An Original Printed Occument   Lepstun, Paul   19813124 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Interface   Lepstun, Paul   198259 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Interface   Lepstun, Paul   198259 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Interface   Lepstun, Paul   198259 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Surface   Lepstun, Paul   198259 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Surface   Lepstun, Paul   198259 Not Issued   100   0-4726/2004   Interactive Printer For Printing A Coded Surface   Lepstun, Paul   198259 Not Issued   100     | 10815645 Not Issued | 41   |            |  |               |
| 1081564 Not Issued   93   04/02/2004   Orientation Determination   Lapstun, Paul   1081564 Not Issued   10   04/02/2004   Method CI Printing A Copy OI A Document From An Original Printed Document   Lapstun, Paul   1081212/ Not Issued   20   04/28/2004   Method CI Printing A Copy OI A Document From An Original Printed Document   Lapstun, Paul   1081214/ Not Issued   94   05/17/2004   System For Remotely Controlling An Aspect Of A Function Of Apparatus   Lapstun, Paul   10853143   Not Issued   95   05/28/2004   Computer System For Collaborative Document Markup   Lapstun, Paul   10853316   0889869   150   05/28/2004   Computer System For Collaborative Document Markup   Lapstun, Paul   10853316   0899869   150   05/28/2004   Computer System For Interfacing With Coded Surface   Lapstun, Paul   10853916   0899869   150   05/28/2004   Computer System For Interfacing With A Coded Surface   Lapstun, Paul   10884881 Not Issued   93   05/28/2004   Computer System For Interfacing With A Coded Surface   Lapstun, Paul   10884881 Not Issued   17   07/09/2004   Providing Information In A Document   Lapstun, Paul   10884881 Not Issued   17   07/09/2004   Providing Information In A Document   Lapstun, Paul   10884881 Not Issued   17   07/09/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   10893881   59/29/1861   150   07/19/2004   Providing Information In A Document   Lapstun, Paul   10893381   6992784   150   07/19/2004   Orientation-Indicating Cyclic Positional Codes   Lapstun, Paul   10893381   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10893381   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10900127   Not Issued   10   07/19/2004   Not Insued   10   08/29/2004   Not Insued   10   08/29/2004   Not Insued   10   08/29/2004   Not Insued   10   08/29/2004   Not Insued   10   |                     |      |            |  |               |
| 1983122  Not Issued   20   |                     |      |            |  | Lapstun, Paul |
| 16931942 Not Issued   94   05/17/2004   System For Interface Printing A Coded Interface   Lapstun, Paul   16946895 Not Issued   94   05/17/2004   System For Remotely Controlling An Aspect Of A Function Of Apparetus   Lapstun, Paul   16953143 Not Issued   30   05/28/2004   Image Processing Method For Digital Cameras   Lapstun, Paul   16953376   S6889895   150   05/28/2004   Computer System For Collaborative Document Markup   Lapstun, Paul   16953376   S6889895   150   05/28/2004   Computer System For Interfacion With Coded Surface   Lapstun, Paul   16953376   Not Issued   93   05/28/2004   Computer System For Interfacion With Coded Surface   Lapstun, Paul   16984981 Not Issued   94   05/28/2004   Computer System For Interfacion With Coded Surface   Lapstun, Paul   16984981 Not Issued   71   07/08/2004   Dithering Unit For Multi-Segment Printingal   Lapstun, Paul   16984981 Not Issued   73   07/08/2004   Dithering Unit For Multi-Segment Printingal   Lapstun, Paul   16984981 Not Issued   74   07/08/2004   Providing Information In A Document   Lapstun, Paul   16984981 Not Issued   75   07/08/2004   Providing Information In A Document   Lapstun, Paul   16984981 Not Issued   70   07/08/2004   Position-Identifying Coded Pages   Lapstun, Paul   16984981 Not Issued   70   07/08/2004   Position-Identifying Coded Pages   Lapstun, Paul   16983981   65/29/186   150   07/08/2004   Position-Identifying Coded Pages   Lapstun, Paul   16983981   65/29/186   150   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   16983982   6592786   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   16983983   701423   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   16983983   701423   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   16990128 Not Issued   10   07/28/2004   Machine Readable Coded Data   Lapstun, Paul   16990128 Not Issued   10   07/28/2004   Machine Readable Coded Data   Lapstun, Paul   16990128 Not Issued   10   07/28/2004   Machine Readable Coded D   |                     |      |            |  |               |
| 1986-8989   Not Issued   94  |                     |      |            |  |               |
| 10853142 Not Issued   30   05/26/2004   Image Processing Method For Digital Cameras   Lapstun, Paul   10853376   6888987   150   05/26/2004   Computer System For Collaborative Document Markup   Lapstun, Paul   10853787   Not Issued   93   05/26/2004   Computer System For Collaborative Document Markup   Lapstun, Paul   10854881   Not Issued   25   07/06/2004   Dithering Unit For Multi-Segment Printhead   Lapstun, Paul   10884881   Not Issued   25   07/06/2004   Dithering Unit For Multi-Segment Printhead   Lapstun, Paul   10884881   Not Issued   71   07/06/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   10884881   Not Issued   70   07/06/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   10884881   Not Issued   70   07/06/2004   Position-Identifying Coded Pages   Lapstun, Paul   Lapstun, Paul   10884881   Not Issued   70   07/06/2004   Position-Identifying Coded Pages   Lapstun, Paul   1089381   6892186   150   07/06/2004   Position-Identifying Coded Pages   Lapstun, Paul   1089381   6892186   150   07/06/2004   Orientation-Indicating Cyclic Positional Codes   Lapstun, Paul   1089381   6892186   150   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   1089381   07/06/2004   Machine Readable Coded Data   Lapstun, Paul   1089381   07/06/2004   Machine Readable Coded Data   Lapstun, Paul   10893381   07/06/2004   Machine Readable Coded Data   Lapstun, Paul   10893184   70/14123   150   07/19/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   10900127   Not Issued   70   07/28/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   10900127   Not Issued   70   07/28/2004   Machine Readable Coded Data With Target Paul   Lapstun, Paul   10900128   Not Issued   70   07/28/2004   Machine Readable Coded Data With Target Paul   Lapstun, Paul   10900127   Not Issued   70   07/28/2004   Machine Readable Coded Data With Target Paul   Lapstun, Paul   10900127   Not Issued   70   07/28/2004   Machine    | 10846895 Not Issued | 94   | 05/17/2004 | System For Remotely Controlling An Aspect Of A Function Of Apparatus   | Lapstun, Paul |
| 10853378   S983876   S90   S528/2004   Computer System For Interaction With Coded Surface   Lapstun, Paul   1085378   Not Issued   S90   S528/2004   Computer System For Interfacing With A Coded Surface   Lapstun, Paul   1084881   Not Issued   S90   S528/2004   Dimening Unit For Multi-Segment Printhead   Lapstun, Paul   1084881   Not Issued   T90   7076/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   1084888   Not Issued   T90   7076/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   1084888   Not Issued   T90   7076/2004   Providing Information In A Document   Lapstun, Paul   Lapstun, Paul   1084888   Not Issued   T90   7076/2004   Position-Identifying Coded Pages   Lapstun, Paul   1084888   Not Issued   T90   7076/2004   Printer For Generating A Coded Interface   Lapstun, Paul   1084888   Not Issued   T90   7076/2004   Printer For Generating A Coded Interface   Lapstun, Paul   108493372   Not Issued   T90   7076/2004   Orientation-Indicating Cyclic Positional Codes   Lapstun, Paul   108493372   Not Issued   T90   7076/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10893381   T9048123    | 10853143 Not Issued | 30   |            |  |               |
| 10853782   Not Issued   93   05/26/2004   Computer System For Interfacing With A Coded Surface   Lapstun, Paul   10864882   Not Issued   25   07/06/2004   Printer of Uniformation In A Decement   Lapstun, Paul   10864882   Not Issued   19   07/06/2004   Printer of Uniformation In A Decement   Lapstun, Paul   Lapstun, Paul   10846848   Not Issued   19   07/06/2004   Printer of Uniformation In A Decement   Lapstun, Paul   Lapstun, Paul   1084684   Not Issued   19   07/06/2004   Printer of Cenerating A Coded Interactive Printer   Lapstun, Paul   Lapstun, Paul   1084684   707/7333   150   07/06/2004   Printer For Generating A Coded Interface   Lapstun, Paul   Lapstun, Paul   10893372   Not Issued   19   07/06/2004   Printer For Generating A Coded Interface   Lapstun, Paul   Lapstun, Paul   10893372   Not Issued   10   07/19/2004   Printer For Generating A Coded Interface   Lapstun, Paul   Lapstun, Paul   10893381   0629186   150   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   Lapstun, Paul   10893382   0994264   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   Lapstun, Paul   10893384   7014123   150   07/19/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   10900127   Not Issued 80   07/28/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   10900127   Not Issued 80   07/28/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   109001276   Not Issued 50   07/28/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10901154   Not Issued 50   07/28/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10901354   Not Issued 51   08/09/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10913354   Not Issued 51   08/09/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10913354   Not Issued 50   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   Lapstun, Paul   10913376   Not Is   |                     |      |            |  |               |
| 10884882 Not Issued   71   07/09/2004   Providing Information In A Document   Lapstun, Paul   10884883 Not Issued   9   07/09/2004   Interactive Printer   Lapstun, Paul   10884884   10778331   150   07/08/2004   Position-Indicating Coded Pages   Lapstun, Paul   10884885   Not Issued   9   07/08/2004   Position-Indicating Coded Interface   Lapstun, Paul   10893375   Not Issued   9   07/08/2004   Position-Indicating Coded Interface   Lapstun, Paul   10893381   Seyara   150   07/19/2004   Orientation-Indicating Coded Data   Lapstun, Paul   10893381   Seyara   150   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10893381   Seyara   150   07/19/2004   Information Indicating Machine Readable Coded Data   Lapstun, Paul   10893383   70/19/2014   Information Indicating Machine Readable Coded Data   Lapstun, Paul   10893383   70/19/2014   Information Indicating Machine Readable Coded Data   Lapstun, Paul   10893384   70/14/123   Iso   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued Bo   07/28/2004   Optical Sensing Device   Capstun, Paul   10900127   Not Issued Bo   07/28/2004   Optical Sensing Device   Capstun, Paul   10900127   Not Issued Bo   07/28/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   109001280   70/28/2004   Capstun With Processor For Up-Interprolating A Bayer Image   Lapstun, Paul   10903280   7058219   Iso   08/02/2004   Camera And Printer Combination Using Up-Interpolation Of Bayer Image   Lapstun, Paul   10913328   Not Issued 71   08/09/2004   Camera With Processor For Up-Interpolating A Bayer Image   Lapstun, Paul   10913328   Not Issued 50   08/09/2004   Camera More Printer Combination Using Up-Interpolation Of Bayer Image   Lapstun, Paul   10913378   Not Issued 30   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   10913378   Not Issued 30   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   Lapstun, Paul      | 10853782 Not Issued | 93   | 05/26/2004 | Computer System For Interfacing With A Coded Surface   | Lapstun, Paul |
| 10884885   Not Issued   19    07/08/2004   Interactive Printer   Lapstun, Paul   10884886   7077333   150   07/08/2004   Printer For Generating A Coded Interface   Lapstun, Paul   10893372   Not Issued   19    07/08/2004   Printer For Generating A Coded Interface   Lapstun, Paul   10893372   Not Issued   19    07/08/2004   Printer For Generating A Coded Interface   Lapstun, Paul   10893381   8929186   150   07/19/2004   Orientation-Indicating Occilion Readable Coded Data   Lapstun, Paul   10893382   6994284   150   07/19/2004   Anchine Readable Coded Data   Lapstun, Paul   10893383   701782   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   10893383   701782   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   10893383   701782   150   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10890187   Not Issued   10 07/28/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900128   Not Issued   10 07/28/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10900128   Not Issued   10 07/28/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   109002880   70789/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   109002880   70789/2004   Camera With Processor For Up-Interpolating A Bayer Image   Lapstun, Paul   109002880   7058019   150   08/02/2004   Camera And Printer For Printing A Coded Interface   Lapstun, Paul   10913328   Not Issued   10 08/09/2004   Camera And Printer Combination Using Up-Interpolation Of Bayer Image   Lapstun, Paul   10913328   Not Issued   10 08/09/2004   Camera And Printer Combination Using Up-Interpolation Of Bayer Image   Lapstun, Paul   10913379   Not Issued   10 08/09/2004   Camera Mith Processor For Up-Interpolating A Base Station   Lapstun, Paul   10913379   Not Issued   10 08/09/2004   Method Of Minimizing Absorption Of Visible Lapstun   Paul   10913379   Not Issued   10 08/09/2004   Method Of Minimizing Absorption Of Visib   |                     |      |            |  |               |
| 10884884   7077333   150   07/08/2004   Position-Identifying Coded Pages   Lapstun, Paul   1089337   Not Issued   19   07/08/2004   Printer For Generating A Coded Interface   Lapstun, Paul   1089337   Not Issued   20   07/19/2004   Orientation-Indicating Cyclic Positional Codes   Lapstun, Paul   10893381   6929186   150   07/19/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10893382   6994286   150   07/19/2004   Information Indicating Machine Readable Coded Data   Lapstun, Paul   10893383   701782   150   07/19/2004   Machine Readable Coded Data   Lapstun, Paul   10893383   701782   150   07/19/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul   10900127   Not Issued   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Optical Sensing Device   Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Machine Readable Coded Data With Distributed Encoding   Lapstun, Paul   10900127   Not Issued   07/19/2004   Registration Network For An Optical Sensing Device   Lapstun, Paul   10900127   Not Issued   08/09/2004   Camera With Processor For Up-Interpolating A Bayer Image   Lapstun, Paul   10900128   Not Issued   08/09/2004   Registration Network Including Printer As Base Station   10900128   Not Issued   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   1091337   Not Issued   08/09/2004   Metal-Cyanine Dye Having Asia Ligands Which Reduce Visible Absorption   Lapstun, Paul   1091337   Not Issued   08/09/2004   Metal-Cyanine Dye Having Improved Water Solubility   Lapstun, Paul   1091337   Not Issued   08   |                     |      |            |  | Lapstun, Paul |
| 10893372   Not Issued 20   07/19/2004   Orientation-Indicating Cyclic Positional Codes   Lapstun, Paul   | 10884884 7077333    | 150  | 07/06/2004 | Position-Identifying Coded Pages   | Lapstun, Paul |
| 10893381   6929186   150   07719/2004   Orientation-Indicating Machine Readable Coded Data   Lapstun, Paul   10893383   7017826   150   07719/2004   Information Indicating Machine Readable Coded Data   Lapstun, Paul   10893383   7017826   150   07719/2004   Machine Readable Coded Data Wth Target Features   Lapstun, Paul   10893384   7014123   150   07/19/2004   Machine Readable Coded Data Wth Target Features   Lapstun, Paul   10800127   Not Issued   80   07/29/2004   Machine Readable Coded Data Wth Distributed Encoding   Lapstun, Paul   10900127   Not Issued   71   07/29/2004   Machine Readable Coded Data Wth Distributed Encoding   Lapstun, Paul   10900127   Not Issued   71   07/29/2004   Optical Sensing Device For Reading Coded Data On A Surface And Registration Network For Same   Lapstun, Paul   10900128   Not Issued   71   07/29/2004   Interactive Printer For Printing A Coded Interface   Lapstun, Paul   10900128   6965691   150   08/02/2004   Camera Wth Processor For Up-Interpolating A Bayer Image   Lapstun, Paul   10913328   Not Issued   71   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   10913326   Not Issued   71   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Reduced Visible Absorption   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Reduced Visible Absorption   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Reduced Visible Absorption   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Reduced Visible Absorption   Lapstun, Paul   10913379   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Multiunctional Peripreral Groups   Lapstun, Paul   10913380   Not Issued   30   08/09/2004   Wethod Of Minimizing Absorption Of Visible Light In Ink C   |                     |      |            |  |               |
| 10893382   6994/264   150   07/19/2004   Machine Readable Coded Data With Target Features   Lapstun, Paul  |                     |      |            | Orientation-Indicating Machine Readable Coded Data   | Lapstun, Paul |
| 10893384   | 10893382 6994264    | 150  | 07/19/2004 | Information Indicating Machine Readable Coded Data   |               |
| 10900127 Not Issued 80 07/28/2004 Optical Sensing Device For Reading Coded Data On A Surface And Registration Network For Same Lapstun, Paul 10900129 Not Issued 71 07/28/2004 Registration Network For An Optical Sensing Device Lapstun, Paul 10901154 Not Issued 20 07/29/2004 Interactive Printing A Coded Interface Lapstun, Paul 10902856 6965691 150 08/02/2004 Camera With Processor For Up-Interpolating A Bayer Image Lapstun, Paul 10902880 7058219 150 08/02/2004 Camera Mith Processor For Up-Interpolating A Bayer Image Lapstun, Paul 10913328 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913340 Not Issued 50 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption Lapstun, Paul 10913374 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Reduced Visible Absorption Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanine Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Metar-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Metar-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 95 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Compris |                     |      |            |  |               |
| 19901129 Not Issued   71   |                     |      |            | Optical Sensing Device For Reading Coded Data On A Surface And Registration Network For Same   | Lapstun, Paul |
| 10902856 6965691 150 08/02/2004 Camera With Processor For Up-Interpolating A Bayer Image Lapstun, Paul 10902880 7058219 150 08/02/2004 Camera And Printer Combination Using Up-Interpolation Of Bayer Image Lapstun, Paul 10913328 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913340 Not Issued 25 08/09/2004 Interface Surface Having Printed Coded Data Lapstun, Paul 10913370 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption Lapstun, Paul 10913374 Not Issued 30 08/09/2004 Wetal-Cyanine Dye Having Reduced Visible Absorption Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanines Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Cyanine Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Wethod Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising In-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Wethod Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul   | 10900129 Not Issued | 1 71 | 07/28/2004 | Registration Network For An Optical Sensing Device   | Lapstun, Paul |
| 10902880 7058219 150 08/02/2004 Camera And Printer Combination Using Up-Interpolation Of Bayer Image Lapstun, Paul 10913328 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913350 Not Issued 25 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913370 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption Lapstun, Paul 10913374 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Reduced Visible Absorption Lapstun, Paul 10913374 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Improved Water Solubility Lapstun, Paul 10913375 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Visible Adsorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Visible Adsorption Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Visible Adsorption Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Wethod Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising In-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Wethod Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Mecrocyclic Cyanine Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes  |                     |      |            |  |               |
| 10913328 Not Issued 71 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913340 Not Issued 25 08/09/2004 Interface Surface Having Printed Coded Data Lapstun, Paul 10913350 Not Issued 30 08/09/2004 Registration Network Including Printer As Base Station Lapstun, Paul 10913372 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption Lapstun, Paul 10913373 Not Issued 30 08/09/2004 Cyanine Dye Having Reduced Visible Absorption Lapstun, Paul 10913375 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Improved Water Solubility Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Metal-Cyanine Dye Having Improved Water Solubility Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanines Lapstun, Paul 10913377 Not Issued 30 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul   | 10902880 7058219    | 150  |            |  | Lapstun, Paul |
| 10913350 Not Issued   71   08/09/2004   Registration Network Including Printer As Base Station   Lapstun, Paul   10913372 Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   Lapstun, Paul   Lapstun, Paul   10913373 Not Issued   30   08/09/2004   Cyanine Dye Having Reduced Visible Absorption   Lapstun, Paul   10913374 Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Improved Water Solubility   Lapstun, Paul   10913375 Not Issued   30   08/09/2004   Method Of Minimizing Absorption Of Visible Light In Infrared Dyes   Lapstun, Paul   10913376 Not Issued   30   08/09/2004   Method Of Minimizing Absorption Of Visible Light In Infrared Dyes   Lapstun, Paul   10913376 Not Issued   30   08/09/2004   Not Issued   10910376 Not Issue   | 10913328 Not Issued | 71   | 08/09/2004 | Registration Network Including Printer As Base Station   |               |
| 10913372   Not Issued   30   08/09/2004   Metal-Cyanine Dye Having Axial Ligands Which Reduce Visible Absorption   Lapstun, Paul   |                     |      |            | Interface Surface Having Printed Coded Data Registration Network Including Printer As Base Station   |               |
| 10913373 Not Issued 30 08/09/2004 Cyanine Dye Having Reduced Visible Absorption Lepstun, Paul 10913374 Not Issued 20 08/09/2004 Metal-Cyanine Dye Having Improved Water Solubility Lepstun, Paul 20913376 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913377 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanines Dyes Lapstun, Paul 10913377 Not Issued 30 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Cyanine Dye Having Multifunctional Periperal Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Wethod Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Mecrocyclic Cyanine Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul  |                     |      |            |  | Lapstun, Paul |
| 10913375 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Infrared Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanines Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913376 Not Issued 30 08/09/2004 Cyanine Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising In-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul   | 10913373 Not Issued | 1 30 | 08/09/2004 | Cyanine Dye Having Reduced Visible Absorption  |               |
| 10913376 Not Issued 30 08/09/2004 Synthesis Of Metal Cyanines Lapstun, Paul 10913377 Not Issued 90 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913376 Not Issued 80 08/09/2004 Cyanine Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul   |                     |      | 08/09/2004 | Method Of Minimizing Absorption Of Visible Light In Infrared Dives   |               |
| 10913377 Not Issued 90 08/09/2004 Hydrophilizable And Hydrophilic Cyanine Dyes Lapstun, Paul 10913378 Not Issued 80 08/09/2004 Cyanine Dye Having Multifunctional Peripreral Groups Lapstun, Paul 10913389 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Meta-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine Lapstun, Paul 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul  |                     |      | 08/09/2004 | Synthesis Of Metal Cyanines  | Lapstun, Paul |
| 10913379 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Ir-Absorbing Metal-Cyanine Dyes Lapstun, Paul 10913380 Not Issued 30 08/09/2004 Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanine Lapstun, Paul Dyes 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul  | 10913377 Not Issued | 1 90 | 08/09/2004 | Hydrophilizable And Hydrophilic Cyanine Dyes   |               |
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| 10913381 Not Issued 95 08/09/2004 Synthetically Expedient Water-Dispersible Ir Dyes Lapstun, Paul  |                     |      |            | Method Of Minimizing Absorption Of Visible Light In Ink Compositions Comprising Infrared-Absorbing Macrocyclic Cyanin  | Lapstun, Paul |
| 103 1300 (INCL 133000   55   COCO/2004   O/INCLODED   O/I | 10013381 No. leaves | 105  | 08/09/2004 | Dyes Synthetically Expedient Water-Dispersible Ir Dyes   | Lapstun, Paul |
|  |                     |      | 08/13/2004 | Interface Surface Having Coded Data With Predetermined Pattern   |               |

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| Application# Patent# Status<br>10917356 Not Issued 71 |             | System For Retrieving And Playing Mp3 Files  | Lapstun, Paul                  |
| 10917436 Not Issued 20                                | 08/13/2004  | Mobile Telecommunication Device With Integral Printer Mechanism And Sensing Means  | Lapstun, Paul                  |
| 10917465 Not Issued 71                                | 08/13/2004  | Substrate For Use With Audio File Player   | Lapstun, Paul                  |
| 10917466 Not Issued 71<br>10917467 Not Issued 83      |             | System For Retrieving And Playing Audio Files  Mp3 Player With Code Sensor   | Lapstun, Paul<br>Lapstun, Paul |
| 10917468 Not Issued 71                                | 08/13/2004  | Audio Player With Sensing Device   | Lapstun, Paul                  |
| 10919260 Not Issued 168                               |             | Accuracy In Searching Digital Ink  | Lapstun, Paul<br>Lapstun, Paul |
| 10919261 Not Issued 19<br>10919379 Not Issued 30      | 08/17/2004  | Natural Language Recognition Using Distributed Processing Sensing Device With Inductive Charging   | Lapstun, Paul                  |
| 10932044 Not Issued 20                                | 09/02/2004  |  | Lapstun, Paul                  |
| 10934489 Not Issued 30                                |             | Method For Printing An Image   | Lapstun, Paul<br>Lapstun, Paul |
| 10934490 Not Issued 25<br>10940668 Not Issued 94      | 09/07/2004  |  | Lapstun, Paul                  |
| 10943843 7019319 150                                  | 09/20/2004  | Viewer Configured To Display, And Method Of Displaying, Information On A Display To At Least Partially Take Into Account   |                                |
| 100 100 101 111 1100                                  | 00000000    | A Position Of The Viewer Relative To A Surface   | Lapstun, Paul                  |
| 10943849 Not Issued 30<br>10943856 Not Issued 30      | 09/20/2004  |  | Lapstun, Paul                  |
| 10943872 Not Issued 41                                | 09/20/2004  | Method For Delivery Of A Brochure Containing Coded Data  | Lapstun, Paul                  |
| 10943874 Not Issued 25                                | 09/20/2004  |  | Lapstun, Paul<br>Lapstun, Paul |
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| 10943878 Not Issued 30                                |             | Sensing Device Having An Image Sensor For Sensing And Capturing Images Of Coded Data   | Lapstun, Paul<br>Lapstun, Paul |
| 10943921 Not Issued 41<br>10943938 Not Issued 40      |             | Apparatus For Sharpening An Image Using A Luminance Channel Notetaking Method Incorporating Coded Data Sensor  | Lapstun, Paul                  |
| 10943941 Not Issued 95                                | 09/20/2004  | Ink Drop Printer With Print Engine Controller  | Lapstun, Paul                  |
| 10943942 Not Issued 20                                |             | Computer System For Delivering A Brochure Including Coded Data   | Lapstun, Paul<br>Lapstun, Paul |
| 10943977 Not Issued 41<br>10944043 Not Issued 19      |             | Method Of Sharpening Image Using Luminance Channel Printer For Composing And Delivering Electronic Mail  | Lapstun, Paul                  |
| 10944044 Not Issued 30                                | 09/20/2004  | System For Delivery Of A Brochure Containing Coded Data  | Lapstun, Paul                  |
| 10948157 Not Issued 71                                |             | Method For Sensing The Orientation Of An Object  | Lapstun, Paul<br>Lapstun, Paul |
| 10948169 Not Issued 40<br>10948253 Not Issued 40      |             | Method For Sensing The Orientation Of An Object Orientation Sensing Device   | Lapstun, Paul                  |
| 10949288 Not Issued 30                                | 09/27/2004  | Universal Pen With Position Or Motion Sensing  | Lapstun, Paul                  |
| 10949293 Not Issued 20                                |             | Method For Interacting With An Internet Webpage Via A Corresponding Printed Page  Compact Camera Module And Printer System   | Lapstun, Paul<br>Lapstun, Paul |
| 10954168 Not Issued 30<br>10962395 Not Issued 30      |             | Two-Dimensional Data Carrier Incorporating Dot-Based Data Package Templates  | Lapstun, Paul                  |
| 10962400 Not Issued 40                                | 10/13/2004  | Universal Pen With Image Sensor  | Lapstun, Paul                  |
| 10962412 Not Issued 20                                |             | Printer For Generating A Coded Interface Interactive Printer   | Lapstun, Paul<br>Lapstun, Paul |
| 10962510 Not Issued 41<br>10965733 Not Issued 30      |             | Document Supply Control  | Lapstun, Paul                  |
| 10965737 Not Issued 30                                | 10/18/2004  | Method Of Generating A Two-Dimensional Code With A Constant Background Pattern   | Lapstun, Paul                  |
| 10965751 7043096 150                                  |             | Contact Sensing Device Printhead With Segments And Compensation For Temperature Induced Misalignments  | Lapstun, Paul<br>Lapstun, Paul |
| 10965772 Not Issued 25<br>10965933 Not Issued 20      |             | Cartridge With Identifiers   | Lapstun, Paul                  |
| 10971051 Not Issued 71                                | 10/25/2004  | Method Of Generating A User Interface For A Computer System  | Lapstun, Paul                  |
| 10971145 Not Issued 71<br>10971146 Not Issued 20      |             | User Interface For A Networked Printer And Computer System Apparatus For Performing Computer-Based Operations Via Networked Computer   | Lapstun, Paul<br>Lapstun, Paul |
| 10974730 Not Issued 41                                |             | Method And Assembly For Determining A Route  | Lapstun, Paul                  |
| 10974742 Not Issued 30                                | 10/28/2004  | Digital Camera With Interactive Printer  | Lapstun, Paul                  |
| 10974750 Not Issued 71<br>10975407 Not Issued 20      |             | Two-Dimensional Code With Locator And Orientation Components  Printer Controller Integrated Circuit  | Lapstun, Paul<br>Lapstun, Paul |
| 10975422 7077748 150                                  |             | Interactive Information Device With Integral Printer   | Lapstun, Paul                  |
| 10975930 Not Issued 94                                |             | Inkjet Printhead Feedback Processing Arrangement   | Lapstun, Paul                  |
| 10981616 Not Issued 71<br>10981626 Not Issued 71      |             | System For Performing Data Searches On A Network System For Facilitating Searches For Data Stored On A Network   | Lapstun, Paul<br>Lapstun, Paul |
| 10981627 Not Issued 83                                | 11/05/2004  | Method Of Performing Data Searches On A Network  | Lapstun, Paul                  |
| 10981773 Not Issued 30                                |             | Method Of Enabling Internet-Based Requests For Information   | Lapstun, Paul                  |
| 10982786 7073724 150<br>10982834 Not Issued 25        |             | Tagged Surface Printer Printed Media With Machine Readable Markings  | Lapstun, Paul<br>Lapstun, Paul |
| 10982974 Not Issued 18                                | 11/08/2004  | Method Of Printing An Interface Onto A Surface Using A Complementary Ink Set   | Lapstun, Paul                  |
| 10982975 Not Issued 20                                | 11/08/2004  | Authorization Protocol For Network Publishing  | Lapstun, Paul                  |
| 10983018 Not Issued 20<br>10983029 Not Issued 30      |             | Printer For Printing An Interface Onto A Surface Using A Complementary Ink Set Publishing Network  | Lapstun, Paul<br>Lapstun, Paul |
| 10983082 Not Issued 30                                | 03/16/2005  | Print Media Roll And Ink Supply Cartridge  | Lapstun, Paul                  |
| 10986330 7059695 150                                  | 11/12/2004  | Print Engine For A Pagewidth Inkjet Printer  | Lapstun, Paul<br>Lapstun, Paul |
| 10986337 Not Issued 41<br>10986375 Not Issued 30      |             | Method Of Searching Stored Information Using An Interactive Search Request Form  Digital Camera With Interactive Printer   | Lapstun, Paul                  |
| 10986402 Not Issued 71                                | 11/12/2004  | Synthetically Expedient Water-Dispersible Ir Dyes Having Improved Lightfastness  | Lapstun, Paul                  |
| 10986403 7017823 150                                  | 11/12/2004  | Region Encoding Using A Plurality Of Tags  | Lapstun, Paul<br>Lapstun, Paul |
| 10986404 7025276 150<br>10990382 Not Issued 20        | 11/18/2004  | Region Encoding Using Substantially Undifferentiated Marks Printer Controller For A Mems-Based Page Width Inkjet Printer   | Lapstun, Paul                  |
| 10990459 Not Issued 30                                | 11/18/2004  | System For Browsing A Computer Network   | Lapstun, Paul                  |
| 10992713 Not Issued 20                                |             | Sensing Device For Enabling Interaction Between A Computer And A Form Printed On A Surface  Method For Ensuring Consistent Dot Size In An Inkjet Printhead   | Lapstun, Paul<br>Lapstun, Paul |
| 10992716 Not Issued 20<br>10992717 Not Issued 20      |             | Printer With Speaker To Indicate Print Error Conditions  | Lapstun, Paul                  |
| 10992748 Not Issued 20                                | 11/22/2004  | Pivoting Camera  | Lapstun, Paul                  |
| 10992754 Not Issued 20                                |             | Inkjet Printhead Capping Mechanism   | Lapstun, Paul<br>Lapstun, Paul |
| 10992757 Not Issued 20<br>10992828 Not Issued 61      |             | Inkjet Printer Printhead Interface Circuit Inkjet Printer Ink Volume Monitoring Arrangement  | Lapstun, Paul                  |
| 11003362 Not Issued 41                                | 12/06/2004  | Edge Delta Runlength Expander Unit For Bi-Level Graphics   | Lapstun, Paul                  |
| 11003363 Not Issued 95                                |             | Printer Controller With Printhead Feedback Compact Printer Housing   | Lapstun, Paul<br>Lapstun, Paul |
| 11003364 Not Issued 41<br>11003365 7025434 150        |             | Half Toner And Compositor Circuit For A Printer  | Lapstun, Paul                  |
| 11003371 Not Issued 83                                | 12/06/2004  | Inkjet Printer Programmed To Effect Pre-Printing Printhead Warming   | Lapstun, Paul                  |
| 11003481 Not Issued 30<br>11003485 Not Issued 30      | 12/08/2004  | Data Register Arrangement For An Inkjet Printer  Compact Printer Roller Drive Assembly   | Lapstun, Paul<br>Lapstun, Paul |
| 11003485 Not Issued 30                                | 12/08/2004  | Edge Delta Runlength (Edrl) Data Stream Decoder For Bi-Level Graphics  | Lapstun, Paul                  |
| 11006536 Not Issued 40                                | 12/08/2004  | Interactive Map Production   | Lapstun, Paul                  |
| 11006577 Not Issued 30<br>11006663 Not Issued 20      | 12/08/2004  | Printing Of Redundantly Encoded Distributed Data Printer Including Firmware To Check Page Description Data Format  | Lapstun, Paul<br>Lapstun, Paul |
| 1100663 Not Issued 20                                 | 12/08/2004  | Feedback Arrangement For A Printer Having A Microelectromechanical Printhead   | Lapstun, Paul                  |
| 11006719 Not Issued 20                                | 12/08/2004  | Printer Driver Software Product With Edge Runlength Encoder  | Lapstun, Paul                  |
| 11006720 Not Issued 30<br>11006722 Not Issued 71      |             | Method For Avoiding Print Buffer Underrun Feedback Arrangement For A Printer Having A Microelectromechanical Printhead   | Lapstun, Paul<br>Lapstun, Paul |
| 1 1000/22/140/ 135080 1/ 1                            | 112/00/2004 | It control to transferment to the title triating to interest to the triating of triating of the triating of the triating of the triating of triating of the triating of triati | 1                              |

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| Application# Patent# Status<br>11006734 Not Issued 160 |            |  | Inventor Name<br>Lapstun, Paul |
| 1100735 Not Issued 30                                  |            |  | Lapstun, Paul                  |
| 11007319 7044585 150                                   | 12/09/2004 | Method Of Generating Halftone Print Data For Overlapping End Portions Of Printhead Chips   | Lapstun, Paul                  |
| 11013338 Not Issued 71                                 |            |  | Lapstun, Paul                  |
| 11013636 Not Issued 30<br>11020106 Not Issued 30       | 12/17/2004 |  | Lapstun, Paul<br>Lapstun, Paul |
|  | 12/27/2004 | Software Interaction Via Interface Surface And Sensing Device  | Lapstun, Paul                  |
| 11020256 Not Issued 30                                 | 12/27/2004 | Transferring Search Results Using A Relay Device   | Lapstun, Paul                  |
| 11020260 Not Issued 30                                 |            |  | Lapstun, Paul                  |
| 11020319 Not Issued 30<br>11020321 Not Issued 20       |            |  | Lapstun, Paul<br>Lapstun, Paul |
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| 11026045 Not Issued 30                                 | 01/03/2005 | Method Of Instructing A Computer System Using An Interface Surface   | Lapstun, Paul                  |
|  |            | Optical Data Card Reader   | Lapstun, Paul<br>Lapstun, Paul |
| 11033379 7044381 150<br>11039897 Not Issued 30         |            | Method Of Interacting With Interactive Printed Advertisements Software Interaction Using An Interface Surface  | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul                  |
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|  |            | Method For Authentication Of Pharmaceutical Products   | Lapstun, Paul                  |
| 11041626 Not Issued 30                                 |            |  | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul<br>Lapstun, Paul |
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| 11041650 Not Issued 30                                 |            | Method And Apparatus For Security Document Tracking  | Lapstun, Paul                  |
| 11041651 Not Issued 30                                 | 01/25/2005 | Method Of Counting Currency  | Lapstun, Paul                  |
|  |            | Months of the Committee | Lapstun, Paul<br>Lapstun, Paul |
|  |            |  | Lapstun, Paul                  |
| 11051032 Not Issued 25                                 | 02/07/2005 | Method Of Allowing A User To Participate In An Auction   | Lapstun, Paul                  |
| 11059674 Not Issued 20                                 | 02/17/2005 | Method And Apparatus For Allowing A User To Send An Electronic Mail Message  | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul<br>Lapstun, Paul |
|  |            |  | Lapstun, Paul                  |
|  |            | Printhead Cartridge Having Coupled Media Transport And Capping Mechanisms  | Lapstun, Paul                  |
|  | 02/28/2005 |  | Lapstun, Paul                  |
| 11071267 Not Issued 93<br>11074777 Not Issued 20       |            |  | Lapstun, Paul<br>Lapstun, Paul |
|  |            | System For Allowing Interaction With Computer Software   | Lapstun, Paul                  |
|  |            | System For Printing A Form For Interacting With Computer Software  | Lapstun, Paul                  |
| 11074802 Not Issued 30                                 | 03/09/2005 | Method Of Position Coding Using Sequences  | Lapstun, Paul                  |
|  |            | Generating A Form For Allowing Handwritten Interaction With Computer Software  | Lapstun, Paul<br>Lapstun, Paul |
| 11078321 7011390 150<br>11082815 Not Issued 30         | 03/18/2005 | Printing Mechanism Haying Wide Format Printing Zone System And Method For Generating A Business Card For Authonsing An Electronic Message  | Lapston, Paul                  |
| 11082827 Not Issued 20                                 | 03/18/2005 | System And Method For Registering A Sensing Device With A Relay Device   | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul                  |
| 11082940 Not Issued 30                                 |            |  | Lapstun, Paul<br>Lapstun, Paul |
|  |            | Method For Enabling Collaborative Document Markup Between Participants   | Lapstun, Paul                  |
|  |            |  | Lapstun, Paul                  |
|  |            | Surface Having Disposed Therein Or Thereon Coded Data  | Lapstun, Paul                  |
| 11084806 Not Issued 30<br>11102698 Not Issued 30       |            | Integrated Printhead And Image Sensor System For Registering A User With A Sensing Device Using A Form   | Lapstun, Paul<br>Lapstun, Paul |
| 11102843 Not Issued 30                                 | 04/11/2005 | System For Authorising A User To Use A Sensing Device Using A Form   | Lapstun, Paul                  |
| 11107817 Not Issued 20                                 | 04/18/2005 | Interactive Printer For Printing Documents In Response To Data Received From A Sensing Device  | Lapstun, Paul                  |
| 11107941 Not Issued 30                                 | 04/18/2005 | System And Method For Delivering A Greeting Card To A User   | Lapstun, Paul                  |
| 11107944 Not Issued 30<br>11123007 Not Issued 82       | 05/06/2005 | System And Method For Providing A Form For Use In Greeting Card Delivery Substrate Having Photograph And Encoded Audio Signal Simultaneously Printed Thereon   | Lapstun, Paul<br>Lapstun, Paul |
| 11123008 Not Issued 30                                 | 05/06/2005 | System For Recording And Playing Audio Signals Provided On A Photograph  | Lapstun, Paul                  |
| 11123009 Not Issued 82                                 | 05/06/2005 | Camera For Encoding Audio Signals  | Lapstun, Paul                  |
|  |            | Pagewidth Inkjet Printer Having Buffered Printing Control  | Lapstun, Paul<br>Lapstun, Paul |
| 11123011 Not Issued 25<br>11123136 Not Issued 20       |            | Pagewidth Inkjet Printer Having Composite Image Printing Control Computer System For Generating A Second Mail Item In Response To A First Mail Item  | Lapstun, Paul                  |
| 11124044 Not Issued 20                                 | 05/09/2005 | Photograph Including Coded Image Data  | Lapstun, Paul                  |
| 11124148 Not Issued 30                                 | 05/09/2005 | Mobile Telecommunications Device With Stylus Having Printhead Tip  | Lapstun, Paul                  |
|  |            | Print Medium With Lateral Data Track Mobile Device With First And Second Optical Pathways  | Lapstun, Paul<br>Lapstun, Paul |
|  |            | Print Medium Having An Orientation Indicator   | Lapstun, Paul                  |
| 11124156 Not Issued 25                                 | 05/09/2005 | Method Of Using A Mobile Device To Determine A First Rotational Orientation Of Coded Data On A Print Medium  | Lapstun, Paul                  |
| 11124158 Not Issued 30                                 | 05/09/2005 | Method Of Accessing A Connection Address Using A Mobile Device With A Sensing Means  | Lapstun, Paul                  |
|  |            | Method Of Using A Mobile Device To Determine Movement Of A Print Medium Relative To The Mobile Device Mobile Device For Enabling Interaction With A Printed Email Document   | Lapstun, Paul<br>Lapstun, Paul |
| 11124162 Not Issued 20<br>11124163 Not Issued 30       |            |  | Lapstun, Paul                  |
|  |            | Format   |                                |
|  |            | Print Medium With Self-Clocking Data Track And Method Of Printing Onto The Print Medium  | Lapstun, Paul                  |
|  |            | Mobile Telecommunications Device With Stylus  Mobile Telecommunications Device With Interactive Paper Sensor   | Lapstun, Paul<br>Lapstun, Paul |
| 11124169 Not Issued 25                                 | 05/09/2005 | Method Of Using A Mobile Device To Print Onto A Print Medium Taking Into Account An Orientation Of A Print Medium  | Lapstun, Paul                  |
|  |            | · · · · · · · · · · · · · · · · · · ·  |                                |
|  |            | Printhead Cartridge Having An Integrated Circuit Storing An Identifier For Use In Mobile Device  | Lapstun, Paul<br>Lapstun, Paul |
|  |            | Print Medium With Removable Portion Print Medium With Lateral Data Track Used In Lateral Registration  | Lapstun, Paul                  |
|  | 05/09/2005 | Mobile Telecommunications Device Dual Media Coding Detectors   | Lapstun, Paul                  |
|  |            | Method Of Using A Mobile Device To Authenticate A Printed Token And Output An Image Associated With The Token  | Lapstun, Paul                  |
| 44424170 N-1-1-1-1-22                                  | 05/00/2005 | Mathed Of Producing A Duciness Cord Heing A Mahila Talacamen mississes Daving  | Lapstun, Paul                  |
|  |            | Method Of Producing A Business Card Using A Mobile Telecommunications Device  Method Of Authenticating A Print Medium Before Printing  | Lapstun, Paul                  |
| 11124181 Not Issued 25                                 | 05/09/2005 | Method Of Reading Coded Data From A Print Medium Before Printing   | Lapstun, Paul                  |
| 11124182 Not Issued 20                                 | 05/09/2005 | Mobile Device That Commences Printing Before Reading All Of The First Coded Data On A Print Medium   | Lapstun, Paul                  |
|  | 05/09/2005 | Method Of Authenticating A Print Medium Offline  Mobile Device That Reads Entire Of First Coded Data Before Commencing Printing  | Lapstun, Paul<br>Lapstun, Paul |
|  |            | Print Medium Including Coded Data Indicative Of A Physical Characteristic Thereof  | Lapstun, Paul                  |
|  |            | Print Medium Producing Coasa Data Indicaste Or A Physical Characteristic Printed   | Lapstun, Paul                  |
|  |            |  | _                              |

| T. 100   | D-14#                    |     |             |  | Inventor Name                  |
|----------|--------------------------|-----|-------------|--|--------------------------------|
|          | Not Issued               |     | 05/09/2005  | Cartridge Having One-Time Changeable Data Storage For Use In A Mobile Device   | Inventor Name<br>Lapstun, Paul |
|          | Not Issued               |     | 05/09/2005  | Ink Usage Tracking In A Cartridge For A Mobile Device  | Lapstun, Paul                  |
|          | Not Issued               |     | 05/09/2005  | Mobile Device Configured To Commence Printing When A Print Medium Is Inserted  | Lapstun, Paul                  |
| 11124191 | Not Issued               | 30  | 05/09/2005  | Method Of Using A Mobile Device To Determine A Position Of A Print Medium Configured To Be Printed On By The Mobi<br>Device                  | eapstun, Paul                  |
| 11124193 | Not Issued               | 20  | 05/09/2005  | Method Of Authenticating A Print Medium Online   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Print Medium Having Coded Data And An Orientation Indicator  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Method Of Printing A Voucher Based On Geographical Location  Mobile Device For Printing On Pre-Tagged Media                                  | Lapstun, Paul                  |
| 11124231 | Not Issued               | 20  | 05/09/2005  | Controller For An Inkjet Printer   | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Method Of Generating A Second Mail Item In Response To A First Mail Item Substrate Including Digital Photographic Image And Coded Image Data | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     |             | System For Determining The Rotational Orientation Of A Sensing Device  | Lapstun, Paul                  |
|          | Not Issued               | 20  | 06/09/2005  | Print Engine Controller For Driving A Printhead  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Method Of Configuring A Printer For Vacation Periods Apparatus For Cooling And Storing Produce   | Lapstun, Paul<br>Lapstun, Paul |
| 11154676 | Not Issued               | 20  | 06/17/2005  | Method For Performing Games  | Lapstun, Paul                  |
| 11155514 | 7077330                  | 150 |             | Arrangement For Reading Coded Data Printed On A Card Sensing Device For Sensing A Position Within A Region                                   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Sensing Device For Sensing A Position Relative To A Surface  | Lapstun, Paul                  |
| 11159196 | Not Issued               | 30  | 06/23/2005  | Graphic Design Software Using An Interface Surface   | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Synchronization Of Printing And Print Media In A Printer Module Systems And Methods For Printing By Using A Position-Coding Pattern          | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     |             | Electronic Recording And Communication Of Information  | Lapstun, Paul                  |
|          | Not Issued               |     |             | Electronically Controllable Pen Comprising A Force Switch  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     | 07/25/2005  | Generation Of Print Data Mobile Device With Printhead And Media Path In Two Relatively Moveable Sections                                     | Lapstun, Paul<br>Lapstun, Paul |
| 11188011 | Not Issued               | 30  | 07/25/2005  | Mobile Device With Printhead And Printed Media Collection Tray   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Mobile Device With Battery Between Input Interface And Print Media Cartridge   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | User Interaction With Hand-Drawing Software Via Interface Surface Interactive Surface For Enabling User Interaction With Software            | Lapstun, Paul                  |
| 11189695 | Not Issued               | 20  | 07/27/2005  | Interface Surface For User Interaction With A Computer System Via A Sensing Device   | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Printer With User Id Sensor Head Mounted Display With Wave Front Modulator   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     |             | Pre-Loaded Force Sensor  | Lapstun, Paul                  |
| 11198233 | Not Issued               | 41  |             | Camera For Capturing And Resampling Non-Linear Bayer Image   | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Pagewidth Inkjet Printer For Duplex Printing With Transfer Rollers  Information Management System With Authenticity Check                    | Lapstun, Paul<br>Lapstun, Paul |
| 11202218 | Not Issued               | 20  | 08/12/2005  | Method Of Delivering Facsimile   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Recording Of Information   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Business Card Device And Method For Communication  | Lapstun, Paul                  |
| 11203181 | Not Issued               | 20  | 08/15/2005  | Pagewidth Inkjet Printer With High Data Rate Printer Architecture  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Facsimile Delivery Method And System Using Associated Identifiers System For Associating Printer Account Data                                | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     | 08/15/2005  | Method Of Printing Document Copies   | Lapstun, Paul                  |
| 11206756 | Not Issued               | 20  |             | Relay Device For Relaying Data From A Sensing Device To A Computer System  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     | 08/19/2005  | Method Of Enabling Travel Service Transactions Pagewidth Printer Having A Printer Controller With Page Expansion And Control Circuitry       | Lapstun, Paul                  |
| 11222977 | Not Issued               | 30  | 09/12/2005  | Method Of Enabling A User To Request Targeted Information From A Printed Interactive Document  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Controller For A Modular Printer And Image Capture Arrangement  Method For Providing A Mailing System  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     | 09/19/2005  | Method Of Generating Halftone Print Data That Accommodates Overlapping Printhead Chips   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Printer Module With A Pen-Like Configuration   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | System For Capturing Information From A Printed Document Printing A Greeting Card Using A Mobile Device                                      | Lapstun, Paul                  |
| 11228478 | Not Issued               | 25  | 09/19/2005  | Retrieving A Ringtone Vis A Coded Surface  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Dialling A Number Via A Coded Surface Printing Video Information Using A Mobile Device   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     |             | Printing A Subscription Using A Mobile Device  | Lapstun, Paul                  |
| 11228482 | Not Issued               | 25  | 09/19/2005_ | Link Object To Sticker   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Printing A Trading Card Using A Mobile Device Retrieving An Image Via A Coded Surface  | Lapstun, Paul                  |
| 11228485 | Not Issued               | 30  | 09/19/2005  | Printing Educational Material Using A Mobile Device  | Lapstun, Paul                  |
|          | Not Issued               |     |             | Printing A Security Identification Using A Mobile Device   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Sticker Including A First And Second Region Retrieving Contact Details Via A Coded Surface   | Lapstun, Paul                  |
| 11228489 | Not Issued               | 30  | 09/19/2005  | Retrieving Audio Data Via A Coded Surface  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Print Card With Linked Object Printing A Timetable Using A Mobile Device   | Lapstun, Paul                  |
| 11228492 | Not Issued               | 30  | 09/19/2005  | Printing A Receipt Using A Mobile Device   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Printing A Bill Using A Mobile Device Printing A Position Using A Mobile Device  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     | 09/19/2005  | Printing Location-Based Information Using A Mobile Device  | Lapstun, Paul                  |
| 11228496 | Not Issued               | 30  | 09/19/2005  | Retrieving A Document Via A Coded Surface  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     | 109/19/2005 | Type-Specific Sticker Printing A Business Card Using A Mobile Device   | Lapstun, Paul<br>Lapstun, Paul |
| 11228499 | Not Issued               | 30  | 09/19/2005  | Printing A Gambling Ticket Using A Mobile Device   | Lapstun, Paul                  |
|          | Not Issued               |     |             | Print Subscribed Content On A Mobile Device Print On A Mobile Device With Persistence  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     | 09/19/2005  | Link Object To Position On Surface   | Lapstun, Paul                  |
| 11228503 | Not Issued               | 30  | 09/19/2005  | Printing Audio Information Using A Mobile Device   | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Link Object To Sticker And Location On Surface Retrieving A Program Via A Coded Surface  | Lapstun, Paul<br>Lapstun, Paul |
| 11228507 | Not Issued               | 20  | 09/19/2005  | Link Object To Form Field On Surface   | Lapstun, Paul                  |
| 11228508 | Not Issued               | 30  |             | Printing A Coupon Using A Mobile Device  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Printing An Advertisement Using A Mobile Device Printing A Competition Entry Form Using A Mobile Device                                      | Lapstun, Paul                  |
| 11228511 | Not Issued               | 25  | 09/19/2005  | Printing A Calendar Using A Mobile Device  | Lapstun, Paul                  |
|          | Not Issued<br>Not Issued |     |             | Printing A Membership Using A Mobile Device Printing A Puzzle Using A Mobile Device  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued               |     |             | Printing A Map Using A Mobile Device   | Lapstun, Paul                  |
| 11228515 | Not Issued               | 30  | 09/19/2005  | Printing An Almanac Using A Mobile Device  | Lapstun, Paul<br>Lapstun, Paul |
|          | Not Issued<br>Not Issued |     |             | Retrieving A Program State Via A Coded Surface Printing Dating Information Using A Mobile Device   | Lapston, Paul                  |
|          |                          | ,   |             |  |                                |

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|----------------------|----------|------------|---|---------------|
| Application# Patent# |          |            |   | Inventor Name |
| 11228518 Not Issued  |          |            |   | Lapstun, Paul |
| 11228519 Not Issued  |          |            |   | Lapstun, Paul |
| 11228520 Not Issued  |          |            |   | Lapstun, Paul |
| 11228521 Not Issued  |          |            |   | Lapstun, Paul |
| 11228522 Not Issued  |          |            | Printing A Reminder List Using A Mobile Device  | Lapstun, Paul |
| 11228523 Not Issued  |          |            | Capture And Link Object   | Lapstun, Paul |
| 11228524 Not Issued  |          |            |   | Lapstun, Paul |
| 11228525 Not Issued  |          |            | Obtaining A Physical Product Via A Coded Surface  | Lapstun, Paul |
| 11228526 Not Issued  |          |            | Retrieving An Access Token Via A Coded Surface  | Lapstun, Paul |
| 11228527 Not Issued  |          |            |   | Lapstun, Paul |
| 11228528 Not Issued  |          |            | Method Of Downloading And Installing A Software Object                                    | Lapstun, Paul |
| 11228529 Not Issued  |          |            | Reusable Sticker  | Lapstun, Paul |
| 11228530 Not Issued  |          |            | Retrieve Information Via Card On Mobile Device  | Lapstun, Paul |
| 11228531 Not Issued  |          |            | Reprint Card On A Mobile Device   | Lapstun, Paul |
| 11228532 Not Issued  |          |            | Printing Gaming Information Using A Mobile Device   | Lapstun, Paul |
| 11228533 Not Issued  |          |            | Link Object To Card   | Lapstun, Paul |
| 11228534 Not Issued  |          |            |   | Lapstun, Paul |
| 11228535 Not Issued  |          |            |   | Lapstun, Paul |
| 11228536 Not Issued  |          |            |   | Lapstun, Paul |
| 11228537 Not Issued  | 20       | 09/19/2005 |   | Lapstun, Paul |
| 11228538 Not Issued  | 25       | 09/19/2005 | Retrieving A Bill Via A Coded Surface   | Lapstun, Paul |
| 11228539 Not Issued  | 25       | 09/19/2005 | Retrieving A Product Via A Coded Surface  | Lapstun, Paul |
| 11228540 Not Issued  | 25       | 09/19/2005 | Print Remotely To A Mobile Device   | Lapstun, Paul |
| 11231856 Not Issued  | 30       | 09/22/2005 | Printer Controller For A Pagewidth Printhead  | Lapstun, Paul |
| 11239232 Not Issued  | 20       | 09/30/2005 | User Interface For An Image Transformation Device   | Lapstun, Paul |
| 11248426 Not Issued  | 41       | 10/13/2005 | Method For Processing An Image  | Lapstun, Paul |
| 11248435 Not Issued  | 71       | 10/13/2005 | Inline Printer Assembly   | Lapstun, Paul |
| 11250465 Not Issued  | 25       | 10/17/2005 | Printer With Manual Collation Control   | Lapstun, Paul |
| 11255941 Not Issued  | 25       | 10/24/2005 | Attribute Selection Surface For Use With A Pen  | Lapstun, Paul |
| 11281445 Not Issued  | 30       | 11/18/2005 | Method Of Printing With A Personal Computer And Connected Printer                         | Lapstun, Paul |
| 11281671 Not Issued  | 19       |            | Viewer And Method For Displaying Information Based On Viewer Position                     | Lapstun, Paul |
| 11286334 Not Issued  | 30       | 11/25/2005 | Method And System For Digitizing Freehand Graphics With User-Selected Properties          | Lapstun, Paul |
| 11298474 Not Issued  | 20       | 12/12/2005 | Recording And Communication Of Handwritten Information                                    | Lapstun, Paul |
| 11298632 Not Issued  | 30       | 12/12/2005 | Method And System For Capturing A Note-Taking Session                                     | Lapstun, Paul |
| 11298634 Not Issued  |          | 12/12/2005 | Method Of Printing Page Data With A Pagewidth Inkjet Printhead                            | Lapstun, Paul |
| 11298828 Not Issued  | 71       | 12/12/2005 | Dot-Based Data Package Template   | Lapstun, Paul |
| 11315356 Not Issued  |          |            | Print Engine For Double-Sided Printing  | Lapstun, Paul |
| 11327491 Not Issued  |          |            | Printer For Actuated Printing Of Visible And Invisible Data                               | Lapstun, Paul |
| 11329041 Not Issued  |          |            | Processor Circuitry For A Pagewidth Printhead   | Lapstun, Paul |
| 11329042 Not Issued  |          |            | Pagewidth Printing Mechanism Incorporating A Capping Mechanism                            | Lapstun, Paul |
| 11329162 Not Issued  |          |            | Effects Module For A Camera And Printer Assembly  | Lapstun, Paul |
| 11329167 Not Issued  |          | 01/11/2006 | Wide-Format Print Engine With A Pagewidth Ink Reservoir Assembly                          | Lapstun, Paul |
| 11329187 Not Issued  |          |            | Method Of Enabling Telephone Control Via Printed Control Interface                        | Lapstun, Paul |
| 11331109 Not Issued  |          |            | Method Of Network Publishing  | Lapstun, Paul |
| 11338783 Not Issued  |          |            | Camera Having Processor For Up-Interpolating Bayer Image For Printing By Internal Printer | Lapstun, Paul |
| 11349143 Not Issued  |          |            | Method And System For User Registration Using Coded Marks                                 | Lapstun, Paul |
| 11442114 Not Issued  |          |            | Computer System Control Via Surface And Sensor With Identifier                            | Lapstun, Paul |
| 11442132 Not Issued  |          |            | Modular Image Processing Device   | Lapstun, Paul |
| 11442366 Not Issued  |          |            | Rotationally Symmetric Coded Data   | Lapstun, Paul |
| 11442381 Not Issued  |          |            | Wearable Product Reading Device   | Lapstun, Paul |
| 11442385 Not Issued  | 20       | 05/30/2006 | Method Of Enabling Purchasing Via A Printed Interactive Form                              | Lapstun, Paul |
| 11442428 Not Issued  | 20       | 05/30/2006 | Method Of Collecting A Copyright Fee For A Document Requested Via An Interactive Surface  | Lapstun, Paul |
| 60702191 Not Issued  |          |            | Method And Apparatus  | Lapstun, Paul |

## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 2    | ("6428155" "7038066").pn.  | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 13:07 |
| L2       | 0    | 1 and (dithiol\$5 or di\$1thiol\$6 or (di adj thiol\$5))   | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 13:48 |
| L3       | 13   | ("3588216" "4593113" "4864618" "<br>5036040" "5051736" "5282894" "54<br>77012" "5607762" "5652412" "5661<br>506" "5692073" "5852434" "607673<br>4").PN.  | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 13:48 |
| L4       | 4    | 3 and (dithiol\$5 or di\$1thiol\$6 or (di adj thiol\$5))   | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 14:10 |
| L5       | 50   | (US-7019319-\$ or US-6788293-\$ or US-6946672-\$ or US-6394573-\$ or US-6428155-\$ or US-6840606-\$ or US-7036918-\$ or US-6591884-\$ or US-6788982-\$ or US-6502614-\$ or US-6622999-\$ or US-6644642-\$ or US-6827116-\$ or US-6439706-\$ or US-6290349-\$ or US-6741871-\$ or US-6344505-\$ or US-6741871-\$ or US-6376150-\$ or US-6432624-\$ or US-6342343-\$ or US-6432624-\$ or US-637645-\$ or US-6129346-\$). did. or (US-6468726-\$ or US-627640-\$ or US-6399557-\$ or US-6227640-\$ or US-6399557-\$ or US-6281269-\$ or US-6139139-\$ or US-5982990-\$ or US-6065828-\$ or US-5983995-\$ or US-576038-\$ or US-5721573-\$ or US-5745133-\$ or US-5774140-\$ or US-5786830-\$ or US-5949448-\$ or US-5980018-\$ or US-5963228-\$ or US-5980018-\$ or US-5963228-\$ or US-5980018-\$ or US-5963228-\$ or US-5980018-\$ or US-5963228-\$ or US-5980018-\$ or US-6017110-\$).did. | USPAT '   | OR                  | ON      | 2006/07/06 14:09 |
| L6       | 1    | 5 and (dithiol\$5 or di\$1thiol\$6 or (di adj thiol\$5))   | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 14:11 |
| L7       | 488  | 252/587.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/06 14:11 |
| L8       | 35   | 7 and (dithiol\$5 or di\$1thiol\$6 or (di adj thiol\$5))   | US-PGPUB;<br>USPAT  | OR                  | ON      | 2006/07/06 14:50 |

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## **EAST Search History**

|     |        |  | 1   | · · · · · · · · · · · · · · · · · · · |    | 1                |
|-----|--------|--|---|---------------------------------------|----|------------------|
| L9  | 0      | 8 and nickle   | US-PGPUB;<br>USPAT  | OR                                    | ON | 2006/07/06 14:12 |
| L10 | 17     | 8 and (nickle or ni)   | US-PGPUB;<br>USPAT  | OR                                    | ON | 2006/07/06 14:50 |
| L11 | 17883  | dithiol\$5 or di\$1thiol\$6 or (di adj<br>thiol\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2006/07/06 14:50 |
| L12 | 943277 | nickle or ni   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2006/07/06 14:51 |
| L13 | 50255  | (sulfonic or sulphonic or so3 or "so. sub.3") with (sodium or na or potassium or k)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2006/07/06 14:52 |
| L14 | 59956  | bicyclo or bicyclic or bi\$1cyclo or bi\$1cyclic or (bi adj (cyclo or cyclic))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                    | ON | 2006/07/06 14:54 |
| L15 | 0      | 11 and 12 and 13 and 14  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  | OR                                    | ON | 2006/07/06 14:54 |
| L16 | 5      | 11 and 12 and 13 and 14  | USOCR   | OR                                    | ON | 2006/07/06 14:55 |
| L17 | 45     | 11 and 12 and 13 and 14  | US-PGPUB;<br>USPAT  | OR                                    | ON | 2006/07/06 15:00 |
| L18 | 1      | (11 with 12) and 13 and 14   | US-PGPUB;<br>USPAT  | OR                                    | ON | 2006/07/06 14:56 |
| L19 | 10     | (11 with complex) and 12 and 13 and 14   | US-PGPUB;<br>USPAT  | OR                                    | ON | 2006/07/06 15:00 |
| L20 | 3      | (US-5607762-\$ or US-5282894-\$ or US-6498945-\$).did.   | USPAT   | OR                                    | ON | 2006/07/06 15:02 |
| L21 | 13     | (US-6076734-\$ or US-5852434-\$ or US-5477012-\$ or US-5282894-\$ or US-5051736-\$ or US-5036040-\$ or US-4864618-\$ or US-4593113-\$ or US-3588216-\$ or US-5692073-\$ or US-5661506-\$ or US-5652412-\$ or US-5607762-\$).did. | USPAT   | OR                                    | ON | 2006/07/06 15:02 |

## **EAST Search History**

| L22 | 1 | 20 not 21         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:03 |
|-----|---|-------------------|---|----|----|------------------|
| S1  | 1 | "20040196344".pn. | US-PGPUB;<br>USPAT  | OR | ON | 2006/06/29 11:19 |

7/6/06 3:59:07 PM C:\Documents and Settings\tkugel\Desktop\My Documents\Applications\1Active\10815625\10815625.wsp